
*Diptera types in the
Canadian National
Collection of Insects*

*Part 2
Brachycera
(exclusive of Schizophora)*

*Types de Diptères de la
Collection nationale
des insectes du Canada*

*Deuxième partie
Brachycères
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ABSTRACT

The primary type material of brachyceran Diptera (exclusive of Schizophora) housed in the Canadian National Collection of Insects and Arachnids, as of 31 December 1991, is cataloged. The collection contains 819 holotypes, 241 associated allotypes, 10 lectotypes, 4 associated allolectotypes, and 149 species that are represented by syntypes. Reference to the original description of each taxon is cited. Label data associated with the specimens are fully quoted. An addendum to Part 1 on the types of Nematocera is included that adds previously overlooked types of Cecidomyiidae, Mycetophilidae, and Thaumaleidae. A bibliography and an index to named taxa are provided.

INTRODUCTION

This book is a continuation of *Diptera types in the Canadian National Collection of Insects: Part 1, Nematocera*, published in 1991. The groups covered in Part 2 include the orthorrhaphous and aschizan sections of the second Diptera suborder, Brachycera. The types in the remainder of the Brachycera, those of the Schizophora, will be cataloged in the two subsequent parts of this four-part series.

All primary (i.e., name-bearing) types of orthorrhaphous brachyceran and aschizan Diptera in the Canadian National Collection of Insects (CNC) have been cataloged as of 31 December 1991. Part 2 follows the same format as Part 1, with each entry arranged alphabetically by family, genus, and species. All species are cited under the original combination in the following format: year of publication; abbreviated reference, including volume, relevant page, figure, and plate number; and lastly the country in capital letters from which the holotype was collected. For all primary types, allotypes, and allolectotypes the label data associated with each specimen are

RÉSUMÉ

Ce catalogue répertorie tous les types primaires de Diptères brachycères (excluant les Schizophores) qui étaient conservés dans la Collection nationale des insectes et des arachnides du Canada au 31 décembre 1991. La collection renferme 819 holotypes, 241 allotypes correspondants, 10 lectotypes et 4 allolectotypes associés. Cent quarante-neuf espèces sont représentées par des syntypes. Pour chaque taxon, la référence de la description originale est citée. Les données inscrites sur les étiquettes de chaque spécimen sont citées intégralement. Un addendum fournit une liste des types de Cecidomyiidae, de Mycetophilidae et de Thaumaleidae non répertoriés dans la première partie sur les types de Nématocères. Le catalogue comprend également une bibliographie et un index de tous les taxons mentionnés.

INTRODUCTION

Le présent ouvrage fait suite à *Types de diptères de la Collection nationale d'insectes du Canada : Première partie, Nématocères*, publié en 1991. Cette deuxième partie est consacrée aux sections orthorrhaphes et aschizes du deuxième sous-ordre des Diptères, les Brachycères. Les types des autres Brachycères, les Schizophores, seront répertoriés dans les deux prochaines parties de cette série de quatre parties.

Le présent catalogue répertorie tous les types primaires (c.-à-d. identifiés) de Brachycères orthorrhaphes et aschizes qui figuraient dans la Collection nationale des insectes du Canada (CNC) au 31 décembre 1991. La présentation de la deuxième partie est analogue à celle de la première. On a dressé une liste alphabétique des noms des familles, genres et espèces. Toutes les espèces sont présentées selon leur combinaison originale avec les informations suivantes : l'année de publication, la référence abrégée de la revue où a paru la description originale (incluant le volume, la page où figurent le nom et la description, l'illustration et le numéro des

cited in full, with diagonal lines used to separate information given on separate labels. Information on the numerous secondary types in the CNC is restricted in Part 2 to only those species represented in the CNC by primary types, since information associated with secondary types is likely to change over time and has no bearing on nomenclature. Finally the sex of the types is indicated under each entry.

The most notable private collection treated in Part 2 is the F.M. Hull collection purchased in 1973 and 1981. The Hull collection contains numerous types of Asilidae, Bombyliidae, and Syrphidae. Several syrphid types listed by Hull in various original descriptions as part of his private collection [see Thompson *et al.* (1976) for the Neotropical species] could not be found in the CNC and may be located elsewhere.

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We would like to thank J.E. O'Hara, B.J. Sinclair, J.R. Vockeroth, and T.A. Wheeler of the Diptera Unit (Centre for Land and Biological Resources Research) for reviewing the manuscript. We would also like to thank L. Speers of the Biological Resources Division (CLBRR) for assistance in laser printing the camera-ready copy of the manuscript.

planches), ainsi que le nom en majuscules du pays où l'holotype a été collectionné. Les données accompagnant tous les types, allotypes et allolectotypes primaires sont citées intégralement. Une barre oblique sépare les informations provenant de différentes étiquettes. Dans cette deuxième partie, des données concernant les nombreux types secondaires de la CNC sont fournies uniquement pour les espèces qui sont représentées dans cette même collection par des types primaires, car les données concernant les types secondaires sont appelées à changer avec le temps et n'ont aucune incidence sur la nomenclature. Enfin, le sexe de chaque type est indiqué sous chaque nom.

La collection privée la plus remarquable présentée dans la deuxième partie est celle de F.M. Hull. Cette collection, acquise en 1973 et en 1981, contient de nombreux types de Asilidae, de Bombyliidae et de Syrphidae. Plusieurs types de syrphes cités par Hull dans diverses descriptions originales comme faisant partie de sa collection privée [voir Thompson *et al.* (1976) pour les espèces néotropicales] n'ont pu être repérés à la CNC et se trouvent sans doute ailleurs.

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ATHERICIDAE

Atherix lantha Webb, 1977, J. Kans. ent. Soc. 50: 486.
CANADA.

Holotype ♂: Knowlton, Que., 16.VI.1930, L.J. Milne/ Holotype *Atherix lantha* Webb, CNC No. 16977/ Holotype *Atherix lantha* D.W. Webb.

Allotype ♀: Same data as holotype.

Paratypes: 1♀, Nova Scotia; 1♂, 10♀♀, New Brunswick; 2♂♂, 6♀♀, Quebec; 23♀♀, Ontario; 1♂ Maine (USA); 1♀, Maryland (USA).

Remarks: There is one additional specimen labeled as a paratype from a locality not mentioned in the original description.

ACROCERIDAE

Ogcodes (Ogcodes) canadensis Schlinger, 1960, Proc. U.S. natn. Mus. 111: 307. CANADA.

Holotype ♂: Hard Maple, Houghton, Ont./ No. 051-1406 Date 26.VII.1951 F.I.S./ Holotype *Ogcodes canadensis* ♂ Schlinger/ CNC Type No. 8636/ Genitalia Dissection No. 55-11-26g, by E.I. Schlinger.

Paratype: 1♂, Ontario.

Remarks: The holotype terminalia dissection No. 55-11-26g is permanently mounted on a microscope slide. The terminalia dissection of the paratype No. 58-1-17a is permanently mounted on a microscope slide. The head is missing from the holotype.

Ogcodes shewelli Sabrosky, 1948, Am. Midl. Nat. 39: 422.
CANADA.

Holotype ♂: Niagara Glen, Ont., 27.VII.1925 G.S. Walley/ *Ogcodes shewelli* Sabrosky det. Sabrosky ♂ Holotype/ *Ogcodes* Type *shewelli* Sabrosky CNC No. 5770/ *Ogcodes* n.sp. Det. G.E. Shewell '46.

Remarks: The holotype has its terminalia dissected and glued to the locality label.

ASILIDAE

Asilus aridalis Adisoemarto, 1967, Quaest. ent. 3: 63.
CANADA.

Holotype ♂: Dinosaur Park, Steeveville, Alta., 9-VI-1964 S. Adisoemarto/ Holotype *Asilus aridalis* Adisoemarto, CNC No. 16958/ Holotype/ 52.

Allotype ♀: Same data as holotype.

Paratypes: 4♂♂, 4♀♀, Alberta.

Asilus autumnalis Banks, 1914, Psyche 21: 131. USA.

Syntypes: 2♂♂, 2♀♀, CNC No. 309.

"♂"; Falls Church, Va., 22.VIII/ PARATYPE A. *autumnalis* Bks. No. 309/ Bank Collection/ Types 13474/ SYNTYPE *Asilus autumnalis* Bks. CNC No. 309.

"♂, ♀"; Same data except 24.IX.

"♀"; Same data except 16.IX.

Remarks: The above specimens each have a red Museum of Comparative Zoology type label, number 13474.

Asilus cumbipilosus Adisoemarto, 1967, Quaest. ent. 3: 62.
CANADA.

Holotype ♂: Etzikom Coulee, Alta., 3.VIII.1963 J.&C. Sharplin S. Adisoemarto/ Holotype *Asilus cumbipilosus* Adisoemarto, CNC No. 16957/ Holotype/ 129.

Asilus gramalis Adisoemarto, 1967, Quaest. ent. 3: 64.
CANADA.

Holotype ♂: Scandia, Bow River, Alta., 10-VI-1964 S. Adisoemarto/ Holotype *Asilus gramalis* Adisoemarto CNC No. 16959/ Allotype *Asilus gramalis* Adisoemarto CNC No. 16959/ Holotype ♂ (upper specimen) Allotype ♀/ 57.

Allotype ♀: Same data as holotype.

Remarks: Both specimens are mounted on the same pin.

Bathypogon fulvus Hull, 1956a, Proc. ent. Soc. Wash. 58: 110. AUSTRALIA.

Syntypes: 12♂♂, 14♀♀, CNC No. 16616.

"10♂♂, 13♀♀"; Canberra, A.C. Terr. F.M.

Hull, 20-30.XI.1953/ Frank M. Hull Collection, C.N.C. 1973/ SYNTYPE *Bathypogon fulvus* Hull, CNC No. 16616.

"♂"; Same data except one additional label reads *Bathypogon fulva* Hull, Det. F.M. Hull.

"♂"; Same data except one additional label reads *Bathypogon fulva* MSS.

"♀"; (No locality label) Frank M. Hull

Collection C.N.C. 1973/ SYNTYPE

Bathypogon fulvus Hull, CNC No. 16616.

Bathypogon nigrachaetus Hull, 1956a, Proc. ent. Soc. Wash. 58: 111. AUSTRALIA.

Syntypes: 16♂♂, 13♀♀, CNC No. 16974.

"12♂♂, 11♀♀"; Canberra, A.C. Terr. F.M.

Hull, 20-30.XI.1953/ Frank M. Hull Collection, C.N.C. 1973/ SYNTYPE *Bathypogon nigrachaetus* Hull, CNC No. 16974.

"1♂, 1♀"; 37 mi. S.E. Perth, W.A. Brookton

H'way. F.M. Hull, 6.I.1954/ Frank M. Hull

Collection, C.N.C. 1973/ SYNTYPE

Bathypogon nigrachaetus Hull, CNC No.

16974.

"3♂♂, 1♀"; (No locality label) Frank M. Hull

Collection, C.N.C. 1973/ SYNTYPE

Bathypogon nigrachaetus Hull, CNC No.

16974.

Bathypogon robustus Hull, 1956b, Ent. News 67: 97.

AUSTRALIA.

Holotype ♂: Canberra, A.C. Terr. F.M. Hull.,

20-30.XI.1953/ Holotype *Bathypogon robustus*

Hull, CNC No. 16615/ Allotype *Bathypogon robustus* Hull CNC No. 16615.
Allotype ♀: Same data as holotype.
Paratypes: 43♂♂, 44♀♀, Australia.
Remarks: The holotype and allotype are mounted on the same pin.

Bathypogon rubellus Hull, 1956b, Ent. News 67: 93.
AUSTRALIA.
Holotype ♂: 37 ml. S.E. Perth, W.A. Brookton H'way. 6.I.1954, F.M. Hull/ Holotype *Bathypogon rubellus* Hull, CNC No. 16614/ Type Cotype rubella (pink label)/ Frank M. Hull Collection CNC 1973.
Allotype ♀: Same data as holotype.
Paratypes: 7♂♂, 5♀♀, Australia.

Bathypogon rubidapex Hull, 1956a, Proc. ent. Soc. Wash. 58: 109. AUSTRALIA.
Syntypes: 18♂♂, 16♀♀, CNC No. 16617.
"11♂♂, 3♀♀"; Canberra, A.C. Terr. F.M. Hull, 20-30.XI.1953/ Frank M. Hull, Collection C.N.C. 1981/SYNTYPE *Bathypogon rubidapex* Hull, CNC No. 16617.
"1♂, 5♀♀"; Same data except 1-10.XII.1953.
"5♂♂, 9♀♀"; Same data except no locality label.
Remarks: The original description gives a date of 1.X.1953 for all the syntypes, but the dates on the labeled specimens read 20-30.XI.1953 and 1-10.XII.1953.

Bombomima huron Bromley, 1929, Can. Ent. 61: 159.
CANADA.
Holotype ♂: Camp 33, Ont., Lake Abitibi, VII-6-1925 N.K. Bigelow/ Holotype *Bombomima huron* Bromley CNC No. 2909/ *Bombomima huron* Bromley.
Allotype ♀: Same data as holotype, except VII-7-1925.

Bombomima posticata* var. *brunnea Bromley, 1929, Can. Ent. 61: 159. CANADA.
Holotype ♂: Macdiarmid, Lake Nipigon, Ont., VIII-24-1923, N.K. Bigelow/ Holotype ♂ *Bombomima posticata* var. *brunnea* Bromley CNC No. 2910/ *Bombomima posticata* new var. *brunnea* Bromley.
Paratype: 1♂, Manitoba.

Bombomima posticata* var. *scutellaris Bromley, 1929, Can. Ent. 61: 159. CANADA.
Holotype ♂: Sudbury, Ont., Can. 7.7.(18)89./ Holotype ♂ *Bombomima posticata* var. *scutellaris* CNC No. 2911/ *Bombomima posticata* new var. *scutellaris* Bromley.
Paratypes: 2♂♂, 1♀, Quebec; 2♂♂, Ontario.

Bombomima vorax Bromley, 1929, Can. Ent. 61: 158. USA.
Holotype ♂: Montgomery Co. Ks. 798 ft. 1916.
R.H. Beamer/ Holotype *Bombomima vorax* ♂

Bromley CNC No. 2908./ *Bombomima vorax* Bromley.
Paratype: 1♀, Kansas.
Remarks: The right flagellum is missing from the holotype.

Buckellia vitripennis Curran, 1927e, Can. Ent. 59: 85.
CANADA.
Holotype ♂: Seton Lake, Lillooet, B.C., 3-VI-1926 J. McDunnough/ Holotype *Buckellia vitripennis* Curran CNC No. 2330/ *Buckellia vitripennis* Det. C.H. Curran.

Comantella pacifica Curran, 1926g, Can. Ent. 58: 311.
CANADA.
Holotype ♂: Penticton, B.C. 4.IV.1919 E.R. Buckell/ Holotype *Comantella pacifica* Curran CNC No. 2320/ *Comantella pacifica* Det. C.H. Curran.
Allotype ♀: Same data as holotype.
Paratypes: 1♂, 1♀, British Columbia.

Cyrtopogon albitarsis Curran, 1922h, Can. Ent. 54: 278.
CANADA.
Holotype ♂: Banff, Alta., 17.VII.1916, C.G. Hewitt/ Holotype *C. albitarsis* Curran, CNC No. 501.
Remarks: The specimen subsequently described as "allotype ♀" (Curran 1923, p. 133), cannot be accepted as part of the type series; in any case the specimen labeled as "Allotype *C. albitarsis* Curran" (type no. 501 in the CNC) is not the specimen listed in Curran's description of the allotype.

Cyrtopogon albovarians Curran, 1924h, Can. Ent. 56: 279.
CANADA.
Holotype ♀: Banff, Alta., 9.VII.1916, C.G. Hewitt/ Holotype *Cyrtopogon albovarians* Curran, No. 636, CNC 16622 [added].
Remarks: The original description and the labeled holotype give the CNC No. as 636. However, ***Cyrtopogon albovarians*** was never entered in the CNC type book under number 636. Therefore we have assigned CNC No. 16622 to this holotype.

Cyrtopogon bigelowi Curran, 1924h, Can. Ent. 56: 277.
CANADA.
Holotype ♂: Macdiarmid, Ont., VII.6.22, W.K. Bigelow/ Holotype *Cyrtopogon bigelowi* Curran, CNC No. 635.
Allotype ♀: Same data as holotype except VI.28.22.

Cyrtopogon caesius Melander, 1923a, Psyche 30: 112. USA.
Syntype: 1♀, CNC No. 330.
"♀"; Mt. Adams, WN. 24 July 21, A.L. Melander/ PARATYPE *Cyrtopogon caesius* Melander/ PARATYPE *Cyrtopogon caesius* Mel. No. 330/ SYNTYPE *C. caesius* Melander.

- Cyrtopogon cerussatus*** Osten Sacken, 1877, Bull. U.S. geol. Surv. 3: 308. USA.
 Syntype: 1♂, CNC No. 2164.
 "♂"; Sonoma Co., Cal., July 5, O. Sack./ O. Sacken West. Dipt./ PARATYPE *Cyrtopogon cerussatus* O.S., No. 2164/ Type 12782/ SYNTYPE *Cyrtopogon cerussatus* O.S., CNC No. 2164.
 Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 12782.
- Cyrtopogon cymbalista*** Osten Sacken, 1877, Bull. U.S. geol. Surv. 3: 297. USA.
 Syntype: 1♀, CNC No. 2165.
 "♀"; Webber Lake, Cal. July 24. O. Sacken/ O. Sacken West. Dipt./ *Cyrtopogon cymbalista* O.S./ *cymbalista*/ PARATYPE *Cyrtopogon cymbalista* O.S. No. 2165/ Type 12785/ SYNTYPE *C. cymbalista* O.S. 2165.
- Cyrtopogon distinctitarsus*** Adisoemarto, 1967, Quaest. ent. 3: 34. CANADA.
 Holotype ♀: Opal, Alta., July 5/ 65., L. Kenakin S. Adisoemarto/ Holotype *Cyrtopogon distinctitarsus* Adisoemarto, CNC No. 16955/ Holotype/ 11.
- Cyrtopogon evidens*** Osten Sacken, 1877, Bull. U.S. geol. Surv. 3: 306. USA.
 Syntypes: 2♀♀, CNC No. 305.
 "2♀♀"; Webber Lake, Cal. July 22, O. Sacken/ O. Sacken West. Dipt./ PARATYPE *C. evidens* O.S. No. 305/ Type 12786/ SYNTYPE *C. evidens* O.S. 305.
 Remarks: The above specimens each have a red Museum of Comparative Zoology type label, number 12786.
- Cyrtopogon inversus*** Curran, 1923c, Can. Ent. 55: 172. CANADA.
 Holotype ♂: Aspen Grove, B.C., 15-VI-1922 P.N. Vroom/ Holotype *Cyrtopogon inversus* Curran, CNC No. 572.
 Allotype ♀: Same data as holotype except 28-VI-1922.
 Paratype: 1♀, British Columbia.
- Cyrtopogon montanus* var. *latericaudus*** Curran, 1923c, Can. Ent. 55: 170. CANADA.
 Syntypes: 2♀♀, CNC No. 585.
 "♀"; Banff, Alta., 9.VII.1916, C.G. Hewitt/ PARATYPE *C. montanus latericaudus* Curr. No. 585/ SYNTYPE *C. montanus latericaudus* Curr. 585.
 "♀"; Banff, Alta. 1916, N.B. Sanson/ Holotype *C. montanus latericaudus* Curr. CNC No. 585/ SYNTYPE *C. montanus latericaudus* [sic] Curr. 385.
- Cyrtopogon leptotarsus*** Curran, 1923c, Can. Ent. 55: 186. CANADA.
 Holotype ♂: Norman, Ont., 19.VII.08 J.B. Wallis/ Holotype *Cyrtopogon leptotarsus* Curran, CNC No. 567.
 Allotype ♀: Sudbury, Ont., Can., 1890.
- Cyrtopogon lineotarsus*** Curran, 1923c, Can. Ent. 55: 187. CANADA.
 Holotype ♂: Banff, Alta., 3.VIII.1908, N.B. Sanson/ Holotype *C. lineotarsus* Curran, CNC No. 570.
- Cyrtopogon nugator*** Osten Sacken, 1877, Bull. U.S. geol. Surv. 3: 307. USA.
 Syntype: 1♀, CNC No. 306.
 "♀"; Webber Lake Cal., July 22, O. Sacken/ O. Sacken, West. Dept./ Type 12793/ PARATYPE *C. nugator* O.S. No. 306/ SYNTYPE *Cyrtopogon nugator* O.S. CNC No. 306.
 Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 12793.
- Cyrtopogon platycauda*** Curran, 1924g, Can. Ent. 56: 251. CANADA.
 Holotype ♂: Glen Souris Man., 5.VI.23, H.A. Robertson/ Holotype *C. platycauda* Curran, CNC No. 735.
- Cyrtopogon plausor*** Osten Sacken, 1877, Bull. U.S. geol. Surv. 3: 297. USA.
 Syntype: 1♀, CNC No. 2166.
 "♀"; Morino Valley, N.M., June 30/ O. Sacken West. Dipt./ *plausor*/ *Cyrtopogon plausor* O.S./ PARATYPE *Cyrtopogon plausor* O.S. No. 2166/ Type 12794/ Syntype *C. plausor* O.S. CNC 2166.
 Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 12794.
- Cyrtopogon predator*** Curran, 1923c, Can. Ent. 55: 188. CANADA.
 Holotype ♀: Fort Fraser, B.C., 15.VIII.1919, W.B. Anderson/ Holotype *Cyrtopogon predator* Curr., CNC No. 571.
- Cyrtopogon punctipennis*** Melander, 1923a, Psyche 30: 114. USA.
 Syntypes: 2♂♂, CNC No. 329.
 "♂"; Moscow, Mt. Idaho, 4.9.11/ PARATYPE *Cyrtopogon punctipennis* Melander/ PARATYPE *Eucyrtopogon punctipennis* Mel. No. 329/ SYNTYPE *C. punctipennis* Mel. CNC 329.
 "♂"; Same data except 12.VI.10.
- Cyrtopogon rattus*** Osten Sacken, 1877, Bull. U.S. geol. Surv. 3: 308. USA.
 Syntype: 1♂, CNC No. 304.
 "♂"; Webber Lake, Cal., July 22 O. Sacken/ O. Sacken West Dipt/ PARATYPE *C. rattus* O.S. No. 304/ Type 12799/ SYNTYPE *C. rattus* O.S. CNC 304.

Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 12799.

Cyrtopogon sansoni Curran, 1923c, Can. Ent. 55: 138.
CANADA.

Holotype ♂: Banff, Alta., 5.VII.1915, N.B. Sanson/
Holotype *C. sansoni* Curran, CNC No. 583.

Allotype ♀: Same data as holotype except
9.VII.1916, C.G. Hewitt.

Cyrtopogon sudator Osten Sacken, 1877, Bull. U.S. geol. Surv.
3: 307. USA.

Syntypes: 2♀♀, CNC No. 303.

"2♀♀"; Webber Lake, Cal., July 22 O. Sacken/
O. Sacken West Dipt/ PARATYPE *C. sudator*
O.S., No. 303/ Type 12801/ *sudator*/
SYNTYPE *C. sudator* O.S. CNC 303.

Remarks: The above specimens each have a red
Museum of Comparative Zoology type label,
number 12801.

Cyrtopogon tacomae Melander, 1923c, Psyche 30: 116. USA.

Syntypes: 1♂, 1♀, CNC No. 331.

"♂"; Mt. Rainier, Wn. Paradise Park, August
1917 A.L. Melander/ PARATYPE *Cyrtopogon*
tacomae Melander/ PARATYPE *Cyrtopogon*
tacomae Mel. No. 331/ SYNTYPE *C. tacomae*
Mel. 331.

"♀"; Mt. Rainier, Fairfax trl. 9. Aug. 1922,
A.L. Melander/ PARATYPE *Cyrtopogon*
tacomae Melander/ PARATYPE *Cyrtopogon*
tacomae Mel. No. 331/ SYNTYPE *C. tacomae*
Mel. 331.

Cyrtopogon varans Curran, 1923c, Can. Ent. 55: 141.

CANADA.

Holotype ♀: Gaspé, P.Q., C.H. Young/ 4.IX.14/
Holotype *Cyrtopogon varans* Curr., CNC No.
576.

Remarks: A male specimen (Macdiarmid Lake,
Nipigon, Ont. VI.21.1923 N.K. Bigelow) was
described by Curran (1924h), and is labeled as a
neotype.

Cyrtopogon willistoni Curran, 1922h, Can. Ent. 54: 277.

CANADA.

Holotype ♂: Chilcotin, B.C., 16.VI.1920, E.R.
Buckell/ Holotype *C. willistoni* Curran, CNC
No. 500.

Allotype ♀: Aspen Grove, B.C., 28.VI.1922 P.N.
Vroom.

Paratypes: 16♂♂, 7♀♀, British Columbia.

Daulopogon arenicola Osten Sacken, 1877, Bull. U.S. geol.
Surv. 3: 310. USA.

Syntype: 1♀, CNC No. 2161.

"♀"; Cone Mt. S. Francisco, June 29. O.
Sacken/ O. Sack. West Dipt/ PARATYPE
Lasiopogon arenicola O.S. No. 2161/ Type
12802/ SYNTYPE *Lasiopogon arenicola* O.S.
CNC No. 2161.

Remarks: The above specimen has a red Museum
of Comparative Zoology type label, number 12802.

Dioctria (Nannodioctria) australis Adisoemarto & Wood, 1975,
Quaest. ent. 11: 515. MEXICO.

Holotype ♂: Mex. Chis. 8 mi NE. San Cristobal,
10.V.69 7500' H.J. Teskey/ 100 W. U.V. Light
trap/ Holotype *Dioctria australis* Adisoemarto &
Wood, CNC No. 16924.

Eucyrtopogon albibarbus Curran, 1923c, Can. Ent. 55: 117.
CANADA.

Holotype ♀: Moose Jaw, Geo. S. Johnston/
Holotype *Eucyrtopogon albibarbus* Curr., CNC
No. 564.

Remarks: Moose Jaw is in the province of
Saskatchewan.

Eucyrtopogon calcarata Curran, 1923c, Can. Ent. 55: 119.
CANADA.

Holotype ♂: Banff, Alta., 27.X.1917, N.B. Sanson/
Holotype *C. calcarata* Curran, CNC No. 562.

Allotype ♀: Same data as holotype except
25.IV.1917.

Paratype: 1♀, British Columbia.

Eucyrtopogon comantis Curran, 1923c, Can. Ent. 55: 116.
CANADA.

Holotype ♂: Chilcotin, B.C., 29.IV.1920, E.R.
Buckell/ Holotype *Eucyrtopogon comantis* Curr.
CNC No. 565.

Eucyrtopogon diversipilosis Curran, 1923c, Can. Ent. 55: 118.
CANADA.

Holotype ♂: Chilcotin, B.C., 14.V.1920, E.R.
Buckell/ Holotype *E. diversipilosis* Curran,
CNC No. 561.

Allotype ♀: Same data as holotype.

Eucyrtopogon incompletus Adisoemarto, 1967, Quaest. ent. 3:
40. CANADA.

Holotype ♂: Cypress Hills, Alta., 26.V.1964, S.
Adisoemarto/ Holotype *Eucyrtopogon*
incompletus Adisoemarto, CNC No. 16683/
Holotype/ 102.

Remarks: The holotype has the head and one leg
glued to the locality label.

Eucyrtopogon spinigera Curran, 1923c, Can. Ent. 55: 117.
CANADA.

Holotype ♀: Victoria, B.C., V.16.1916, R.C.
Treherne/ Holotype *Eucyrtopogon spinigera*
Curr., CNC No. 563.

Eudioctria disjuncta Adisoemarto & Wood, 1975, Quaest. ent.
11: 544. USA.

Holotype ♀: Kerrville, Tex., April 21, 1959 J.F.
McAlpine/ Holotype *Eudioctria disjuncta*
Adisoemarto & Wood, CNC No. 16684.

Paratype: 1♀, Texas.

- Remarks: The left flagellum is missing from the holotype.
- Helolaphyctis chrysorheus*** Hull, 1958b, Bull. Brooklyn ent. Soc. 53: 97. BRAZIL.
Holotype ♂: Brésilien, Nova Teutonia, 27° 11' 8"-52° 23' 1", 300-500 m. 12.9.1952, Fritz Plaumann/Holotype *Helolaphyctis chrysorheus* Hull, CNC No. 16685/ Type *Helolaphyctis chrysorheus* Hull/ Frank M. Hull Collection CNC 1973.
Paratype: 1♂, Brazil.
- Holopogon albipilosus*** Curran, 1923e, Can. Ent. 55: 207. CANADA.
Holotype ♂: Vernon, B.C., 5.VIII.1920 N.L. Cutler/ Holotype *Holopogon albipilosus* Curr. CNC No. 569.
Allotype ♀: Same data as holotype.
Paratype: 1♀, British Columbia.
Remarks: Both flagella are missing from the holotype.
- Holopogon nigripilosa*** Adisoemarto, 1967, Quaest. ent. 3: 27. CANADA.
Holotype ♀: Opal-Coronado, Alta., 5-VII-1963, L. Kenakin, S. Adisoemarto/Holotype *Holopogon nigripilosa* Adisoemarto, CNC No. 16954/ Holotype/ 89.
- Holopogon oriens*** Martin, 1959, Am. Mus. Novit. 1980: 22. USA.
Holotype ♂: Highlands, N.C., 3800' 3.VI.1957 J.R. Vockeroth/Holotype *Holopogon oriens* Martin, CNC No. 16692/ Holotype *Holopogon oriens* Chas. H. Martin/ *Holopogon oriens* Martin.
Allotype ♀: Same data as holotype except 31.V.1957 W.R.M. Mason.
Paratypes: 11♂♂, 2♀♀, North Carolina.
- Holopogon tibialis*** Curran, 1923e, Can. Ent. 55: 207. CANADA.
Holotype ♂: Jordan, Ont., 28.VI.1919, C.H. Curran/ Holotype *Holopogon tibialis* Curr. CNC No. 573.
Remarks: The CNC type number should read 573, not 570 as stated in the original description.
- Holopogon vockerothi*** Martin, 1959, Am. Mus. Novit. 1980: 31. CANADA.
Holotype ♂: Orillia, Ont., 13.6.1925, C.H. Curran/ Holotype *Holopogon vockerothi* Chas. H. Martin, CNC No. 16695/ *Holopogon vockerothi* Martin.
Allotype ♀: Same data as holotype.
Paratypes: 24♂♂, 12♀♀, Ontario; 8♂♂, 3♀♀, Manitoba; 1♂, 1♀, Connecticut (USA); 1♂, Illinois (USA); 1♂, Michigan (USA).
Remarks: There are 6 additional specimens from Quebec and one from Ontario labeled as
- paratypes, but these were not included in the original description.
- Laphria (Dasyllis) astur*** Osten Sacken, 1877, Bull. U.S. geol. Surv. 3: 285. USA.
Syntype: 1♂, CNC No. 307.
"♂"; Webber Lake Cal., July 23 O. Sack/ O. Sacken West Dipt./ Paratype D. astur O.S., No. 307/ Type 12837/ SYNTYPE *Laphria astur* O.S., CNC No. 307/ BRI.
Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 12837.
- Laphria milvina*** Bromley, 1929, Can. Ent. 61: 160. CANADA.
Holotype ♀: Revelstoke Mt., B.C., Elevation 6000 ft., 12.VIII.1923, P.N. Vroom/ Holotype *Laphria milvina* ♀ Bromley CNC No. 2912/ *Laphria milvina* Det. S.W. Bromley.
- Laphystia canadensis*** Curran, 1927e, Can. Ent. 59: 87. CANADA.
Holotype ♂: Westbourne, Man., 10.VII.26, G.S. Brooks/ Holotype *Laphystia canadensis* Curran, CNC No. 2364.
Allotype ♀: Same data as holotype.
Paratype: 1♂, Iowa (USA).
Remarks: The CNC number on the pinned specimens and in the CNC type book is 2364, not 364 as stated in the original description.
- Laphystia confusa*** Curran, 1927e, Can. Ent. 59: 86. USA.
Holotype ♂: Wichita Natl. Forest, Okla., VI.7.1926 W.J. Brown/ Holotype *Laphystia confusa* ♂ Curran, CNC No. 2363.
Paratype: 1♂, Wyoming.
- Lasiopogon actius*** Melander, 1923b, Psyche 30: 138. USA.
Syntype: 1♂, CNC No. 333.
"♂"; Nahcotta, Wn. May 24, 1917 A.L. Melander/ PARATYPE *Lasiopogon actius* Mel. No. 333/ PARATYPE *Lasiopogon actius* Melander/ SYNTYPE *Lasiopogon actius* Mel. 333.
- Lasiopogon aldrichii*** Melander, 1923b, Psyche 30: 139. USA.
Syntypes: 1♂, 2♀♀, CNC No. 336.
"1♂, 2♀♀"; Moscow Mt. ID., 8 June 21, A.L. Melander/ PARATYPE *Lasiopogon aldrichii* Melander/ PARATYPE *Lasiopogon aldrichii* Mel. No. 336/ SYNTYPE *Lasiopogon aldrichii* Mel. CNC 336.
- Lasiopogon monticola*** Melander, 1923b, Psyche 30: 142. USA.
Syntypes: 1♂, 1♀, CNC No. 334.
"♂"; Moscow Mt. ID. 8 June '21 A.L. Melander/ PARATYPE *Lasiopogon monticola* Melander/ PARATYPE *Lasiopogon monticola* Mel. No. 334/ SYNTYPE *Lasiopogon monticola* Mel. CNC 334.
"♀"; Mt. Adams, WASH. 24 Jul 1921 A.L. Melander/ PARATYPE *Lasiopogon monticola*

Mel. CNC 334/ PARATYPE *Lasiopogon monticola* Mel. No. 334/ SYNTYPE
Lasiopogon monticola Melander CNC No. 334.

Lasiopogon prima Adisoemarto, 1967, Quaest. ent. 3: 16.
 CANADA.

Holotype ♂: Nordegg, Alta., N. Sask. R.
 28.V.1963/ Adisoemarto, Freitag, Ball
 collectors/ Holotype *Lasiopogon prima*
 Adisoemarto, CNC No. 16953/ Holotype/ 48.

Lasiopogon ripicola Melander, 1923b, Psyche 30: 143. USA.

Syntype: 1♀, CNC No. 335.
 "♀"; Wawawai Wash., 24.IV.09/ PARATYPE
Lasiopogon ripicola Mel. No. 335/ PARATYPE
Lasiopogon ripicola Melander/ SYNTYPE
Lasiopogon ripicola Mel., CNC No. 335.

Leptogaster loewi Banks, 1914, Psyche 21: 133. USA.

Syntype: 1♀, CNC No. 2163.
 "♀"; Paconian Va., 28-VI/ Collection N. Banks/
Leptogaster loewi Bks./ PARATYPE
Leptogaster loewi Bks. No. 2163/ Type 13483/
loewi/ SYNTYPE *Leptogaster loewi* Banks,
 CNC No. 2163.
 Remarks: The above specimen has a red Museum of
 Comparative Zoology type label, number 13483.

Machimus brevis Martin, 1975, Occ. Pap. Calif. Acad. Sci.
 119: 36. MEXICO.

Holotype ♂: 10 mi. W. El Salto, Dgo. Mex., 9000'
 June 30, 1964 J.F. McAlpine/ Holotype
Machimus brevis Martin, CNC No. 16950/
 Holotype *Machimus brevis*, Chas. H. Martin/
Machimus brevis Martin Det. C.H. Martin.
 Allotype ♀: Buenos Aires, 10 mi. W. La Ciudad,
 Dgo. Mex. 9000', June 11, 1964, J.F.
 McAlpine/ Allotype *Machimus brevis* Martin,
 CNC No. 16950/ Allotype *Machimus brevis*,
 Chas. H. Martin.
 Paratypes: 6♂♂, 7♀♀, Mexico.

Machimus mcalpinei Martin, 1975, Occ. Pap. Calif. Acad. Sci.
 119: 38. MEXICO.

Holotype ♂: 3 mi. E. El Salto, Dgo. Mex. 8200'
 July 4, 1964, J.F. McAlpine/ Holotype
Machimus mcalpinei Martin, CNC No. 16951/
 Holotype *Machimus mcalpinei* Chas. H. Martin/
Machimus mcalpinei Martin, Det. C.H. Martin.

Allotype ♀: 10 mi. W. El Salto, Dgo. Mex., 9000'
 June 10, 1964, J.F. McAlpine/ Allotype
Machimus mcalpinei Martin, CNC No. 16951/
 Allotype *Machimus mcalpinei* Chas. H. Martin.
 Paratypes: 19♂♂, 16♀♀, Mexico.

Nicocles canadensis Curran, 1923e, Can. Ent. 55: 208.
 CANADA.

Holotype ♂: Saanich, B.C., 19.IV.1918, W.
 Downes/ Holotype *Nicocles canadensis* Curran,
 CNC No. 568.

Pogonosoma stricklandi Adisoemarto, 1967, Quaest. ent. 3: 45.
 CANADA.

Holotype ♀: Waterton, Alta., July 12, 1923 E.H.
 Strickland/ Holotype *Pogonosoma stricklandi*
 Adisoemarto, CNC No. 16956/ Holotype/
Pogonosoma stricklandi Adisoemarto, det. S.
 Adisoemarto 1965.

Polacantha (Polacantha) petila Martin, 1975, Occ. Pap. Calif.
 Acad. Sci. 119: 57. MEXICO.

Holotype ♂: 24 mi. W. La Ciudad, Dgo. Mex.
 7000', July 8, 1964 J.F. McAlpine/ Holotype
Polacantha (Polacantha) petila Martin, CNC No.
 16960/ Holotype *Polacanthus petila*, Chas. H.
 Martin/ *Polacanthus petila* Martin, Det. C.H.
 Martin.

Paratype: 1♂, Mexico.

Remarks: The abdomen of the holotype is glued to
 a paper mount above the locality label.

Promachus dimidiatus Curran, 1927e, Can. Ent. 59: 87.
 CANADA.

Holotype ♂: Aweme, E. Man., E. Criddle VII.1920/
 Type *Promachus dimidiatus* Curran, CNC No.
 2064.

Allotype ♀: Same data as holotype.

Paratypes: 4♂♂, 10♀♀, Manitoba.

Remarks: The holotype and allotype are mounted on
 the same pin.

Pygostolus dives Loew, 1866, Berl. ent. Z. 10: 17. USA.

Syntype: 1♀, CNC No. 2162.
 "♀"; Cala/ Loew Coll./ PARATYPE *Nicocles*
dives Loew, No. 2162/ Type 12833/ *Nicocles*
dives O.S./ SYNTYPE *Nicocles dives* Loew,
 CNC No. 2162.

Remarks: The above specimen has a red Museum of
 Comparative Zoology type label, number 12833.

Saropogon nigratarsus Hull, 1956c, Ent. News 67: 131.

AUSTRALIA.
 Holotype ♂: Canberra, A.C. Terr. 1-10.XII.1953,
 F.M. Hull/ Holotype *Saropogon nigratarsus*
 Hull, CNC No. 16976/ *Saropogon nigratarsus*
 Det. F.M. Hull.

Allotype ♀: Same data as holotype.

Paratypes: 57♂♂, 44♀♀, Australia.

Remarks: The holotype and allotype are labeled
 December instead of November as indicated in
 the original description.

BOMBYLIIDAE

Adelidea pterosticta Hesse, 1938, Ann. S. Afr. Mus. 34: 700.
 SOUTH AFRICA.

Syntype: 1♂, CNC No. 18290.
 "♂"; Cape Province, Mossel Bay. 15.iii-
 20.iv.1932./ S. Africa. R.E. Turner. Brit. Mus.
 1932-240./ *Adelidea pterosticta* (paratypes) n.sp.
 ♂♂ det. A. J. Hesse/ SYNTYPE *Adelidea*

pterosticta Hesse CNC No. 18290/ Para-type/
Frank M. Hull Collection C.N.C. 1973.

Anthrax albofasciatus picea Marston, 1963, Tech. Bull. Kans. St. Univ. 127: 42. CANADA.

Holotype ♂: Whitehorse, Y.T. 18.VII.1949, D.L. Watson/HOLOTYPES Anthrax albofasciatus ssp. picea Marst., CNC No. 8648/HOLOTYPES Anthrax albofasciatus picea N. Marston 1963.

Allotype ♀: Reindeer Depot, Mackenzie Delta, 11.VII.1948, J.R. Vockeroth/ALLOTYPES Anthrax albofasciatus ssp. picea Marst., CNC No. 8648/ALLOTYPES Anthrax albofasciatus picea, N. Marston, 1963.

Paratypes: 2♂♂, 1♀, Quebec; 1♂, Ontario; 1♀, Manitoba; 1♂, Saskatchewan; 3♀♀, Alberta; 1♀, British Columbia; 1♀, Yukon Territory; 1♂, Northwest Territories; 1♀, Montana (USA).

Anthrax plesia Curran, 1927e, Can. Ent. 59: 84. CANADA.

Holotype ♂: Seton Lake, Lillooet, B.C., 15.VI.1926, J. McDunnough/HOLOTYPES Anthrax plesia ♂ Curran, CNC No. 2415.

Allotype ♀: Same data as holotype except 7.VI.1926.

Apolysis druias Melander, 1946b, Ann. ent. Soc. Am. 39: 460. USA.

Syntypes: 2♂♂, 2♀♀, CNC No. 18276.
"2♂♂"; Oak Grove, Cal. 9.5.45, A.L. Melander/PARATYPES Apolysis druia Melander/ A.L. Melander Collection 1961/
Frank M. Hull Collection C.N.C. 1973/
SYNTYPES Apolysis druia Mel. CNC No. 18276.
"♀"; Verdmont, Cal. 22.5.45, A.L. Melander/phacela/PARATYPES Apolysis druia Melander/
Frank M. Hull Collection C.N.C. 1981/
SYNTYPES Apolysis druia Melander CNC No. 18276.
"♀"; Riverside, Cal. Aug. 2, 34/ ex.
Cryptantha/ Timberlake Coll./ PARATYPES druia Melander/ Frank M. Hull Collection C.N.C. 1981/
SYNTYPES Apolysis druia Melander CNC No. 18276.

Bromoglycis robustus Hull, 1971b, J. Ga Ent. Soc. 6: 5. AUSTRALIA.

Holotype ♂: ACACIA RIDGE, Qld., 3 Mi. R.R., 26.Sep.-3.Oct.53, F.M. Hull/HOLOTYPES Bromoglycis robustus Hull, CNC No. 15015/HOLOTYPES Bromoglycis robustus Hull/ Bromoglycis/ Frank M. Hull Collection, CNC 1973.

Remarks: There is a female allotype listed in the original description and stated to be deposited in the Hull collection. This specimen was not apparently present when the Hull collection was purchased by the CNC; its whereabouts at this time are uncertain. The right wing is missing from the holotype.

Brychosoma pulchrum Hull, 1973, Bull. U.S. natn. Mus. 286: 102. AUSTRALIA.

Holotype ♀: Brisbane, 7.2.51, J.H. Southern/HOLOTYPES Brychosoma pulchrum Hull, CNC No. 15013/Holotype Brychosoma pulchra [sic] Hull/ Frank M. Hull Collection, CNC 1973.

Remarks: The specific name was spelled *pulchra* in the species description heading on page 102, but spelled *pulchrum* on page 104 of the original description. Both *pulchra* and *pulchrum* were listed as new species in the species index, page 680. Evenhuis (1989) acted as first reviser by selecting *pulchrum* as the accepted specific name.

Bryodemina (Brachydemia) latisoma Hull, 1973, Bull. U.S. natn. Mus. 286: 314. BRAZIL.

Syntypes: 2♀♀, CNC No. 20630.
"♀"; Chapada/ Nov/ S.W. Williston Collection/
Frank M. Hull Collection CNC 1973/
Bryodemina (Brachydemia) latisoma Hull,
Syntype ♀, det. N. Evenhuis 89/ SYNTYPES
Bryodemina (Brachydemia) latisoma Hull, CNC
No. 20630.
"♀"; Chapada/ S.W. Williston Collection/
Frank M. Hull Collection, CNC 1973/
SYNTYPES Bryodemina (Brachydemia) latisoma
Hull, CNC No. 20630.

Comptosia (Anthocolon) casimira Hull, 1973, Bull. U.S. natn. Mus. 286: 307. AUSTRALIA.

Lectotype ♂: 37 ml. S.E. Perth, W.A. Brookton H'way. F.M. Hull, 6.I.1954/ Frank M. Hull Collection C.N.C. 1973/ LECTOTYPES Comptosia (Anthocolon) casimira Hull, 1973. det. D.K. Yeates 1987.

Remarks: For lectotype designation see Yeates (1991b, p. 1155). The left hind leg is missing from the lectotype.

Comptosia (Paradosia) duofasciata Hull, 1973, Bull. U.S. natn. Mus. 286: 306. AUSTRALIA.

Lectotype ♀: 37 ml. S.E. Perth, W.A. Brookton H'way. F.M. Hull, 6.I.1954/ Frank M. Hull Collection C.N.C. 1973/ Paradosia/ LECTOTYPES ♀ Comptosia (Paradosia) duofasciata Hull, 1973 D.K. Yeates 1987.

Remarks: For lectotype designation see Yeates (1991b, p. 1070).

Comptosia (Opsonia) fenestrata Hull, 1973, Bull. U.S. natn. Mus. 286: 306. AUSTRALIA.

Lectotype ♂: 37 ml. S.E. Perth, W.A.A. Brookton H'way. F.M. Hull, 6.I.1954/ Frank M. Hull Collection C.N.C. 1973/ Opsonia/ LECTOTYPES Comptosia (Opsonia) fenestrata Hull, 1973 D.K. Yeates 1988.

Remarks: For lectotype designation see Yeates (1991b, p. 1126).

- Comptosia (Chelina) norrisi*** Hull, 1973, Bull. U.S. natn. Mus. 286: 306. AUSTRALIA.
Lectotype ♀: (Locality unknown) 36-3668
Namogin./ Frank M. Hull Collection C.N.C. 1973/ *Comptosia norrisi* Param. ♀ Paramonov det./ Paratype *Paramonovomyia halli* Evenhuis/ PARATYPE *Paramonovomyia halli* Evenhuis, CNC No. 18240/ LECTOTYPE *Comptosia (Chelina) norrisi* Hull, 1973 D.K. Yeates 1988.
Remarks: For lectotype designation see Yeates (1991a, p. 188). The lectotype is a ♀ paratype of *Paramonovomyia halli* Evenhuis (1980, p. 329).
are missing from the holotype; they appear to have been dissected off rather than broken off. The head has been glued back on to the type specimen.
- Conophorus columbiensis*** Priddy, 1954, J. Kans. ent. Soc. 27: 54. CANADA.
Holotype ♂: Nicola Lake, B.C., 10.VI.1922, E.R. Buckell/ HOLOTYPE *Conophorus columbiensis* Priddy, CNC No. 6326/ HOLOTYPE *Conophorus columbiensis*, R.B. Priddy.
Allotype ♀: Same data as holotype except 29.V.1922.
Paratypes: 1♂, 1♀, British Columbia.
- Coryprosopa lineata*** Hesse, 1956, Part II. Ann. S. Afr. Mus. 35: 119. SOUTH AFRICA.
Syntypes: 1♂, 1♀, CNC No. 18303.
"♂"; Bushmanland, Blw. Springbok & Pella/ Frank M. Hull Collection C.N.C. 1973/ *Coryprosopa lineata* n.sp. ♂ paratype det. A.J. Hesse/ SYNTYPE *Coryprosopa lineata* Hesse, CNC No. 18303.
"♀"; Knersvlakte/ Frank M. Hull Collection C.N.C. 1973/ *Coryprosopa lineata* n.sp. ♀ paratype det. A.J. Hesse/ SYNTYPE *Coryprosopa lineata* Hesse, CNC No. 18303.
Remarks: Hesse did not clearly designate a holotype in the original description.
- Crocidium namaquense*** Hesse, 1963, Ann. Natal Mus. 15: 279. SOUTH AFRICA.
Syntype: 1♂, CNC No. 20912.
"♂"; Knersvlakte/ Frank M. Hull Collection C.N.C. 1973/ *Crocidium namaquense* n.sp. ♂ paratype det. A.J. Hesse/ SYNTYPE *Crocidium namaquense* Hesse, CNC No. 20912.
Remarks: Even though Hesse apparently labeled one specimen of the type series as the holotype (M.A. Cochrane, *in litt.*), this was not indicated in the original description.
- Cryomyia argyropila*** Hull, 1973, Bull. U.S. natn. Mus. 286: 131. AUSTRALIA.
Holotype ♂: 37 mi. S.E. Perth, W.A.A., Brookton H'way., 6.I.1954, F.M. Hull/ HOLOTYPE *Cryomyia argyropila* Hull, CNC No. 15017/ Holotype *Cryomyia argyropila* Hull/ Frank M. Hull Collection CNC 1973.
Remarks: The holotype was stated to be a female in the original description, but the specimen labeled holotype by Hull is a male. Both wings
- Deusopora sapphirina*** Hull, 1971b, J. Ga. Ent. Soc. 6: 1. BRAZIL.
Holotype ♂: Brasilien, Rondon, 24°38'B-54°07'L., III 65, 500 m., Fritz Plaumann/ HOLOTYPE *Deusopora sapphirina* Hull, CNC No. 18267/ Holotype *Deusopora sapphirina* Hull/ Frank M. Hull Collection CNC 1973.
Paratype: 2♀, Brazil.
Remarks: The holotype is missing the apical half of the right wing.
- Eclimus halli*** Hull, 1965, Ent. News 76: 96. MEXICO.
Holotype ♂: Tepotzlan, Mex., Sept. 7, 51, F.M. Hull/ HOLOTYPE *Eclimus halli* Hull, CNC No. 18214/ Holotype *Eclimus halli* Hull/ Frank M. Hull Collection CNC 1973.
- Empidideicus hackmani*** François, 1969, Ent. Meddr 37: 113. SPAIN.
Holotype ♀: Spain, Grenada, Sierra Nevada, 2200 m., 30.VII.1960, Vockeroth, leg. HOLOTYPE *Empidideicus hackmani* ♀, F.J. François det. 1967/ F.J. François diss., Coll. Ent. Res. Inst. Ottawa TYPE P.M. no. 494 (gélât. glycér.) CNC No. 11005.
Remarks: The holotype is mounted on 2 microscope slides both No. 494. The left wing of the holotype is mounted on one slide, while the remainder of holotype is mounted on the other.
- Euprepina bicincta*** Hull, 1971a, Proc. ent. Soc. Wash. 73: 183. BRAZIL.
Holotype ♂: Brasilien, Nova Teutonia, 27°11'B-52°23'1, 300-500 m. Fritz Plaumann/ HOLOTYPE *Euprepina bicincta* Hull, CNC No. 18266/ Holotype *Euprepina bicincta* Hull/ 40/ Frank M. Hull Collection CNC 1973.
Allotype ♀: Same data as holotype.
Paratypes: 1♂, 1♀, Brazil.
- Euprepina nuda*** Hull, 1971a, Proc. ent. Soc. Wash. 73: 181. BRAZIL.
Holotype ♂: Brasilien, Nova Teutonia, 27°11'B-52°23'1, 300-500 m. Fritz Plaumann/ HOLOTYPE *Euprepina nuda* Hull, CNC No. 18265/ Holotype *Euprepina nuda* Hull/ 35/ Frank M. Hull Collection CNC 1973.
Allotype ♀: Same data as holotype.
Paratypes: 1♂, 1♀, Brazil.
Remarks: There are 2 additional female specimens labeled as paratypes that were not listed in the original description.
- Geron subauratus*** Loew, 1863, Berl. ent. Z. 7: 304. USA.
Syntype: 1♀, CNC No. 2151.

"♀"; Loew/ PARATYPE *Geron subauratus*
Loew No. 2151/ subauratus/ Type 12714/
Geron subauratus/ SYNTYPE *Geron subauratus*
Loew, CNC No. 2151.

Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 12714.

Glbellula sufflava François, 1969, Ent. Meddr 37: 120.
SPAIN.

Holotype ♂: Sierra Nevada Highway, Spain, 2200 m./ 27.VII.1960, J.R. Vockeroth/ HOLOTYPE *Glbellula sufflava* François, CNC No. 11006/ TYPE/ F.J. François det., *Glbellula sufflava* ♂ sp.n./ Prépar. genit. No. 520 F.J. François.

Remarks: The holotype has the abdomen and terminalia permanently mounted on microscope slide No. 520.

Hemipenthes vockerothi François, 1969, Ent. Meddr 37: 150.
SPAIN.

Holotype ♂: N. slope Veleta, Sierra Nevada, SPAIN, 2550 m./ 23.VII.1960, J.R. Vockeroth/ HOLOTYPE *Hemipenthes vockerothi* François, CNC No. 11009/ TYPE Two slides/ Prépar. genit. No. 424 F.J. François/ F.J. François det. *Hemipenthes vockerothi* ♂ F. François Holotype.

Remarks: The holotype has its terminalia and right wing mounted on 2 microscope slides Nos. 424, 424d.

Laurella auripila Hull, 1971b, J. Ga Ent. Soc. 6: 3.
AUSTRALIA.

Holotype ♂: ACACIA RIDGE, Qld., 3 Mi. R.R., 26.Sep.-3.Oct.53 F.M. Hull/ HOLOTYPE *Laurella auripila* F.M. Hull, CNC No. 15016/ Holotype *Laurella auripila* Hull/ *Laurella auripila*/ Frank M. Hull Collection CNC 1973.

Mancia nana Coquillett, 1886, Can. Ent. 18: 159. USA.

Syntype: 1 ♂, CNC No. 18292.
"♂"; Los Angeles, Cala/ Collection Coquillett/ Cotype No. 983 U.S.N.M./ Frank M. Hull Collection C.N.C. 1981/ *Mancia nana* Coq./ SYNTYPE *Mancia nana* Coq. CNC No. 18292.

Neodiplocampta garaguaga Hull & Martin, 1974, Proc. ent. Soc. Wash. 76: 333. BRAZIL.

Holotype ♀: Brasilien, Rio Garaguaga, 21°48'B-52°27'L., III 1953, 400 m., Fritz Plaumann/ HOLOTYPE *Neodiplocampta garaguaga* Hull & Martin, CNC No. 18269/ HOLOTYPE *Neodiplocampta garaguaga* Hull/ 32/ Frank M. Hull Collection CNC 1973.

Remarks: The left hind leg of the holotype is glued to the locality label.

Neodiplocampta laurella Hull & Martin, 1974, Proc. ent. Soc. Wash. 76: 344. BRAZIL.

Holotype ♀: Brasilien, Nova Teutonia, 27°11'B-52°23'L., II 1951, 300-500 m., Fritz

Plaumann/ HOLOTYPE *Neodiplocampta laurella* Hull & Mart., CNC No. 18268/ HOLOTYPE *Neodiplocampta laurella* Hull/ 31/ Frank M. Hull Collection CNC 1973.

Neodiplocampta miranda Hull & Martin, 1974, Proc. ent. Soc. Wash. 76: 335. USA.

Holotype ♂: Ft. Lauderdale, Fla., V-18-1928, D.M. Bates 54/ ♂/ HOLOTYPE *Neodiplocampta miranda* Hull & Martin, CNC No. 18291/ HOLOTYPE *Neodiplocampta miranda* Hull/ 17/ 19/ Frank M. Hull Collection, CNC 1973.

Neodiplocampta mirella Hull & Martin, 1974, Proc. ent. Soc. Wash 76: 337. USA.

Holotype ♂: 13 mi. W. Coalinga, Calif., 30.VII.1959, F.M. Hull/ HOLOTYPE *Neodiplocampta mirella* Hull & Martin, CNC No. 18270/ HOLOTYPE *Neodiplocampta mirella* Hull/ Frank M. Hull Collection CNC 1973.

Remarks: The specimen bearing Hull's red holotype label had no locality label. We have added a white hand written locality label to the type specimen.

Neodiplocampta (Agitonia) sepia Hull, 1966, Ent. News 77: 225. BRAZIL.

Holotype ♂: From Nova Teutonia, Brazil/ HOLOTYPE *Neodiplocampta (Agitonia) sepia* Hull, CNC No. 18271/ Holotype *Agitonia sepia* Hull/ Frank M. Hull Collection CNC 1973.

Remarks: The holotype is missing the left wing and apical portion of the right wing.

Oligodranes instabilis Melander, 1946b, Ann. ent. Soc. Am. 39: 481. USA.

Syntype: 1 ♂, CNC No. 18296.
"♂"; Truckhaven, Salton Sea, Cal. 3.4.46, A.L. Melander/ PARATYPE *Oligodranes instabilis* Melander/ A.L. Melander Collection 1961/ SYNTYPE *Oligodranes instabilis* Mel. CNC No. 18296.

Pantostomus capensis Hesse, 1956, Part II. Ann. S. Afr. Mus. 35: 64. SOUTH AFRICA.

Syntype: 1 ♂, CNC No. 18305.
"♂"; Cape Province, Montagu. 1-21. Oct. 1924/ S. Africa R.E. Turner, Brit. Mus. 1924-466/ Paratype/ *Pantostomus capensis* n.sp. paratype ♂ det. A.J. Hesse/ Frank M. Hull Collection C.N.C. 1973/ SYNTYPE *Pantostomus capensis* Hesse, CNC No. 18305.

Remarks: Hesse did not clearly designate a holotype in the original description.

Paramonovomyia australensis Evenhuis, 1980, Pacif. Insects (1979) 21: 332. AUSTRALIA.

Holotype ♀: Swan River, W. Australia, SEPTEMBER, D. Swain/ HOLOTYPE *Paramonovomyia australensis* Evenhuis, CNC

No. 18241/ HOLOTYPE *Paramonovomyia australensis* Evenhuis/ C. (4 ret.) *plenoides* n.sp.
Det F.M. Hull/ Frank M. Hull Collection CNC 1973.

Remarks: The left wing of the holotype is glued on a paper mount below the type specimen.

Paravilla hulli Hall, 1981, Univ. Calif. Publs Ent. 92: 95. USA.

Holotype ♂: F.M. & M.C. Hull, 2-10 mi. east of La Mesa Texas Sept. 13, 1965/ HOLOTYPE *Paravilla hulli* Hall, CNC No. 18250/ HOLOTYPE *Paravilla hulli*, Hall/ Frank M. Hull Collection CNC 1973.

Allotype ♀: Same data as holotype.

Paratypes: 1♂, 1♀, California; 1♂, Mississippi; 2♂♂, 1♀, Kansas; 2♀♀, Wyoming; 1♂, 8♀♀, Arizona; 2♂♂, 3♀♀, New Mexico; 7♂♂, 19♀♀, Texas (topotypic); 1♂, Alberta (Canada).

Remarks: There are 5 additional specimens labeled as paratypes, but they are from localities not mentioned in the original description.

Phthiria barbatula François, 1969, Ent. Meddr 37: 128. SPAIN.

Holotype ♂: N. slope Veleta, Sierra Nevada, SPAIN, 2200 m./ 30.VII.1960, J.R. Vockeroth/ HOLOTYPE *Phthiria barbatula* François, CNC No. 11008/ TYPE/ F. François det. *Phthiria barbatula*, François/ Prépar. genit. No. 456 + antenna, F.J. François.

Remarks: The holotype has its terminalia mounted on microscope slide No. 456. The right antenna of the holotype is mounted on a separate slide bearing the same number. The collection date on the holotype label is 30.VII.1960, not 20.VII.1960 as published.

Phthiria (Pygocona) flavicincta Hull, 1973, Bull. U.S. natn. Mus. 286: 195. AUSTRALIA.

Syntype: 1♂, CNC No. 20624.
"♂"; Merbein, Vic., Australia 14.12.51/ Frank M. Hull Collection, CNC 1981/ HOLOTYPE *Pygocona flavicincta* Hull, det. N. Evenhuis 1989/ SYNTYPE *Phthiria (Pygocona) flavicincta* Hull, CNC No. 20624.

Phthiria (Agenosia) vittata Hull, 1973, Bull. U.S. natn. Mus. 286: 195. USA.

Syntypes: 2♂♂, 2♀♀, CNC No. 20623.
"♂"; F.M. & M.C. Hull, White Snds. Nat. Mon., N.M., 9.10.65/ Frank M. Hull Collection CNC 1981/ SYNTYPE *Phthiria (Agenosia) vittata* Hull, CNC No. 20623.
"♂"; F.M. & M.C. Hull, White Snds. Nat. Mon., N.M., 9.10.65/ Frank M. Hull Collection, CNC 1981/ SYNTYPE *Phthiria (Agenosia) vittata* Hull, CNC No. 20623.
"♀"; F.M. & M.C. Hull, White snds. Nat. Mon., N.M., 9.10.65/ Frank M. Hull Collection CNC 1981/ HOLOTYPE *Phthiria*

(*Agenosia*) *vittata* Hull, det. N. Evenhuis 1989/ SYNTYPE *Phthiria (Agenosia) vittata* Hull, CNC No. 20623.

"♀"; Frank M. Hull Collection, CNC 1981/ SYNTYPE *Phthiria (Agenosia) vittata* Hull, CNC No. 20623.

Pilosia flavopilosa Hull, 1973, Bull. U.S. Natn. Mus. 286: 137. AUSTRALIA.

Holotype ♂: 37 mi. S.E. Perth, W.A. A. Brookton H'way, 6.I.1954, F.M. Hull/ HOLOTYPE *Pilosia flavopilosa* Hull, CNC No. 15014/ HOLOTYPE *Pilosia flavopilosa* Hull/ *Pilosia flavopilosa*/ Frank M. Hull Collection CNC 1973.

Remarks: The right wing is missing from the holotype.

Plesiocera curvistoma Hesse, 1956, Part II. Ann. S. Afr. Mus. 35: 104. SOUTH AFRICA.

Syntypes: 1♂, 1♀, CNC No. 18299.
"♂, ♀"; Kamieskroon, Namaqualand/ Frank M. Hull Collection C.N.C. 1973/ *Plesiocera curvistoma* n.sp. paratype ♂ A.H./ SYNTYPE *Plesiocera curvistoma* Hesse, CNC No. 18299.

Remarks: Even though Hesse apparently labeled one specimen of the type series as the holotype (M.A. Cochrane, *in litt.*), this was not indicated in the original description.

Plesiocera philerema Hesse, 1956, Part II. Ann. S. Afr. Mus. 35: 111. SOUTH AFRICA.

Syntype: 1♀, CNC No. 18301.
"♀"; Bulhoek, Klaver-Clanw./ Frank M. Hull Collection C.N.C. 1973/ *Plesiocera philerema* n.sp. ♀ paratype det. A.J. Hesse/ SYNTYPE *Plesiocera philerema* Hesse, CNC No. 18301.

Remarks: Hesse did not clearly designate a holotype in the original description.

Plesiocera psammophila Hesse, 1956, Part II. Ann. S. Afr. Mus. 35: 102. SOUTH AFRICA.

Syntypes: 1♂, 1♀, CNC No. 18300.
"♂, ♀"; Kamieskroon, Namaqualand/ Frank M. Hull Collection C.N.C. 1973/ *Plesiocera psammophila* n.sp. paratype ♂ A. H./ SYNTYPE *Plesiocera psammophila* Hesse, CNC No. 18300.

Remarks: Even though Hesse apparently labeled one specimen of the type series as the holotype (M.A. Cochrane, *in litt.*), this was not indicated in the original description.

Pteraulax setaria Hesse, 1956, Part II. Ann. S. Afr. Mus. 35: 340. SOUTH AFRICA.

Syntypes: 1♂, 1♀, CNC No. 18306.
"♂, ♀"; Bulhoek Klaver-Clanw./ Frank M. Hull Collection, C.N.C. 1973/ *Pteraulax setaria* n.sp. ♀ paratype det. A.J. Hesse/ SYNTYPE *Pteraulax setaria* Hesse, CNC No. 18306.

Remarks: Even though Hesse apparently labeled one specimen of the type series as the holotype (M.A. Cochrane, *in litt.*), this was not indicated in the original description.

Staurostichus chiastoneura Hull, 1973, Bull. U.S. natn. Mus. 286: 104. AUSTRALIA.

Syntypes: 1♂, 1♀, CNC No. 21031.

"♂, ♀"; ACACIA RIDGE, Qld. 3 Mi. R.R. 26.Sep-3.Oct.53 F.M. Hull/ Frank M. Hull Collection C.N.C. 1981/ SYNTYPE ♂
Staurostichus chiastoneura Hull det. N. Evenhuis 1989/ SYNTYPE Staurostichus chiastoneura Hull, CNC No. 21031.

Remarks: The neotype designated by Evenhuis (1983) is not congeneric with the Hull syntypes, which were previously presumed to have been destroyed. The validity of the neotype will have to be ruled on by the International Commission of Zoological Nomenclature.

Tomomyza karoana Hesse, 1956, Part II. Ann. S. Afr. Mus. 35:: 88. SOUTH AFRICA.

Syntypes: 1♂, 1♀, CNC No. 18404.

"♂"; Burghersdorp, Div. C.P./ Frank M. Hull Collection C.N.C. 1973/ Tomomyza karoana n.sp. ♂ paratype det. A.J. Hesse/ SYNTYPE Tomomyza karoana Hesse, CNC No. 18304.
"♀"; Nieuvelid, Beaufort W. Dist. C.P./ Frank M. Hull Collection C.N.C. 1973/ Tomomyza karoana n.sp. ♀ paratype A.H./ SYNTYPE Tomomyza karoana Hesse, CNC No. 18304.

Remarks: Even though Hesse apparently labeled one specimen of the type series as the holotype (M.A. Cochrane, *in litt.*), this was not indicated in the original description.

Villa (Villa) flavicrura Hall, 1975, Univ. Calif. Publ. Ent. 76: 197. CHILE.

Syntypes: 7♂♂, 7♀♀, CNC No. 18257.

"4♂♂, 1♀"; Pichinahuel, Arauco, CHILE 23-31.I.1954, L.E. Peña/ Paratype Villa (Villa) flavicrura Hall/ SYNTYPE Villa (Villa) flavicrura Hall, CNC No. 18257.
"♂, ♀"; CHILE, Coquim. El Calabazo, Illapel, 1600 m. 21.XI.61 Peña/ Paratype Villa (Villa) flavicrura Hall/ SYNTYPE Villa (Villa) flavicrura Hall, CNC No. 18257.
"2♂♂"; Banos El Toro Coquimbo, CHILE 3300-4000 m. 6-12.I.66, Peña/ Paratype Villa (Villa) flavicrura Hall/ SYNTYPE Villa (Villa) flavicrura Hall, CNC No. 18257.
"2♀♀"; Rio Teno, 1600 m. Los Quenes Curico, CHILE, 6.III.62, Peña/ Paratype Villa (Villa) flavicrura Hall/ SYNTYPE Villa (Villa) flavicrura Hall, CNC No. 18257.
"♀"; Hda Illapel, Coquimbo, CHILE, 21.XI.1961, L. Peña 1600m/ El Calabazo 1600 m/ Thyridanthrax/ vitripennis Phil./ Paratype Villa (Villa) flavicrura Hall/ SYNTYPE Villa (Villa) flavicrura Hall, CNC No. 18257.

"♀"; El Pangu Vicuna Distr. Coquimbo, CHILE 3-4.XI.61/ Peña/ Paratype Villa (Villa) flavicrura Hall/ SYNTYPE Villa (Villa) flavicrura Hall, CNC No. 18257.

"♀"; Alt. Nahuelbuta, Arauco-Malleco, CHILE 16.I.54, L.E. Peña 1460 m/ Paratype Villa (Villa) flavicrura Hall/ SYNTYPE Villa (Villa) flavicrura Hall, CNC No. 18257.

Villa handfordi Curran, 1935, Am. Mus. Novit. 812: 1. CANADA.

Holotype ♀: Aweme, Man., 24.VIII.1932, R.H. Handford/ Host? Porosagrotis vetusta Wlk./ HOLOTYPE Villa handfordi, Curran, CNC No. 3945/ Villa handfordi ♀ Curran Holotype.

Allotype ♂: Same data as holotype except 25.VIII.1931.

Paratypes: 1♂, 1♀, Manitoba.

Remarks: The holotype and allotype have the pupal exuviae pinned with the respective specimens.

DOLICHOPODIDAE

Argyra albicoxa Van Duzee, 1925a, Proc. U.S. natn. Mus. 66: 30. CANADA.

Holotype ♂: Hull, Que., 8.VII.1923, C.H. Curran/ HOLOTYPE Argyra albicoxa V.D., CNC No. 381/ Argyra albicoxa Holotype Van Duzee.

Remarks: The holotype was collected July 8, 1923, not July 23, 1923 as published.

Argyra bimaculata Van Duzee, 1925a, Proc. U.S. natn. Mus. 66: 19. CANADA.

Holotype ♂: Hull, Que., 15.VI.1923, C.H. Curran/ HOLOTYPE Argyra bimaculata V.D., CNC No. 618/ Argyra bimaculata Holotype Van Duzee.

Allotype ♀: Same data as holotype except 13.VI.1923.

Paratype: 1♀, Quebec.

Remarks: The right front leg, plus both middle and hind legs are missing from the holotype.

Argyra currani Van Duzee, 1925a, Proc. U.S. natn. Mus. 66: 24. CANADA.

Syntypes: 3♂♂, 6♀♀, CNC No. 379.

"♂"; Hull, Que., 6.VI.1923, C.H. Curran/ Argyra currani Holotype Van Duzee/ SYNTYPE Argyra currani Van Duzee, CNC No. 379.

"♀"; Same data as above except labeled as allotype and date 10.VI.1923.

"2♂♂, 4♀♀"; Same data as above except labeled as paratypes.

Remarks: Van Duzee labeled a holotype and allotype specimen, but did not designate either in the original description.

Argyra velutina Van Duzee, 1925a, Proc. U.S. natn. Mus. 66: 20. CANADA.

- Holotype ♂: Hull, Que., 4.VI.1923, C.H. Curran/
HOLOTYPE *Argyra velutina* V.D., CNC No.
378/ *Argyra velutina* Holotype. Van Duzee.
Allotype ♀: Same data as holotype.
- Chrysotimus luteopalpus*** Curran, 1923d, Can. Ent. 55: 190.
CANADA.
Holotype ♂: Aweme, Manitoba, N. Criddle,
18.VII.16/ HOLOTYPE *Chrysotimus*
luteopalpus Curr., CNC No. 552.
Allotype ♀: Same data as holotype.
- Chrysotus badius*** Van Duzee, 1932b, Am. Mus. Novit. 569:
15. CANADA.
Holotype ♂: Natashquan, 7.VIII.1929, W.J. Brown/
Que./ HOLOTYPE *Chrysotus badius* Curran,
CNC No. 3432/ *Chrysotus badius* Holotype.
Van Duzee.
- Chrysotus bellulus*** Van Duzee, 1932b, Am. Mus. Novit. 569:
14. CANADA.
Holotype ♂: Natashquan, Que., 1.VIII.1929, W.J.
Brown/ HOLOTYPE *Chrysotus bellulus* V.D.,
CNC No. 3429/ *Chrysotus bellulus* [sic]
Holotype. Van Duzee.
Paratypes: 2♀♀, Quebec.
- Chrysotus cobaltinus*** Van Duzee, 1924a, Bull. Buffalo Soc. nat.
Sci. 13: 38. USA.
Syntype: 1♂, CNC No. 453.
"♂"; Miami, Fla., 12.I.1924, S. Graenicher/
PARATYPE No. 453/ *Chrysotus cobaltinus*
Paratype Van Duzee/ SYNTYPE *Chrysotus*
cobaltinus Van Duzee, CNC No. 453.
Remarks: Although Arnaud (1979, p. 243) refers to
a holotype in the California Academy of
Sciences, no holotype was designated in the
original description.
- Chrysotus currani*** Van Duzee, 1924a, Bull. Buffalo Soc. nat.
Sci. 13: 15. CANADA.
Holotype ♂: Roberval, Que., 27.VII.1915, G.
Beaulieu/ HOLOTYPE *Chrysotus currani* V.D.,
CNC No. 451/ *Chrysotus currani* Holotype.
Van Duzee.
Paratype: 1♂, Quebec.
- Chrysotus furcatus*** Robinson, 1964, Misc. Publ. ent. Soc. Am.
4: 134. USA.
Holotype ♂: Pisgah Forest, N.C., Looking Glass
Pk., 19-VII-1957, W.R. Richards/ HOLOTYPE
Chrysotus furcatus Robinson, CNC No. 8895/
Holotype ♂ *Chrysotus furcatus* H. Robinson.
Allotype ♀: Same data as holotype.
Paratypes: 2♂♂, 36♀♀, North Carolina; 5♀♀, South
Carolina; 13♀♀, Georgia; 1♀, Florida.
- Chrysotus hirtipes*** Van Duzee, 1924a, Bull. Buffalo Soc. nat.
Sci. 13: 22. USA.
Syntypes: 10♂♂, CNC No. 717.
"2♂♂"; Ottawa, Ont., 18.VII.1914, G.
Beaulieu/ *Chrysotus hirtipes* Paratype Van
Duzee/ SYNTYPE *Chrysotus hirtipes* V. Duzee,
CNC No. 717.
"♂"; Six Nations, Brant. Ont., 20-25, Oct.
1918, F.W. Waugh/ Entomological Branch
Ottawa, Canada/ *Chrysotus hirtipes* Paratype
Van Duzee/ SYNTYPE *Chrysotus hirtipes*
V. Duzee, CNC No. 717.
"2♂♂"; Waterton, Alta., 12.VII.1923, H.L.
Seamans/ PARATYPE C. *hirtipes* V.D. No.
717/ *Chrysotus hirtipes* Paratype Van Duzee/
SYNTYPE *Chrysotus hirtipes* V. Duzee, CNC
No. 717.
"2♂♂"; Same data as above except 9.VII.1923.
"3♂♂"; Roberval, Que., 28.VII.1915, G.
Beaulieu/ *Chrysotus hirtipes* Paratype Van
Duzee/ SYNTYPE *Chrysotus hirtipes* V. Duzee,
CNC No. 717.
Remarks: Although Arnaud (1979, p. 244) refers to
a holotype in the California Academy of
Sciences, no holotype was designated in the
original description.
- Chrysotus hirtipes* var. *dubius*** Van Duzee, 1924a, Bull. Buffalo
Soc. nat. Sci. 13: 22. USA.
Syntype: 1♂, CNC No. 452.
"♂"; Roberval, Que., 28.VII.1915, G.
Beaulieu/ PARATYPE No. 452/ *Chrysotus*
hirtipes var. *dubius* Paratype Van Duzee/
SYNTYPE *Chrysotus hirtipes* var. *dubius* V.D.,
CNC No. 452.
Remarks: Although Arnaud (1979, p. 245) refers to
a holotype in the California Academy of
Sciences, no holotype was designated in the
original description.
- Chrysotus longihirtus*** Van Duzee, 1932b, Am. Mus. Novit.
569: 13. CANADA.
Holotype ♂: Natashquan, 7.VIII.1929, W.J. Brown/
Que./ HOLOTYPE *Chrysotus longihirtus* Van
Duzee, CNC No. 3427/ *Chrysotus longihirtus*
Holotype. Van Duzee.
Allotype ♀: Same data as holotype except
8.VIII.1929.
Paratypes: 2♀♀, Quebec.
- Chrysotus philtrum*** Melander, 1903b, Ent. News 14: 72. USA.
Remarks: There is a male specimen in the CNC
labeled as a paratype and metatype from
Opelousas La. May 97, and a female specimen
labeled as a paratype and metatype from
Louisiana. The male specimen may possibly be
a syntype.
- Chrysotus tibialis*** Van Duzee, 1924a, Bull. Buffalo Soc. nat.
Sci. 13: 16. USA.
Syntype: 1♀, CNC No. 404.
"♀"; Wells, N.Y. Jy. 19, 1923 N.Y.S. Coll./
D.B. Young Collector/ PARATYPE C. *tibialis*
V.D. No. 404/ *Chrysotus tibialis* Alotype [sic]

Van Duzee/ ♀ is Diaphorus/ SYNTYPE

Chrysotus tibialis Van Duzee CNC No. 404.

Remarks: Although Arnaud (1979, p. 247) refers to a holotype in the California Academy of Sciences, no holotype was designated in the original description. Supposedly the type series consists of only males, but the above specimen is a female. There is an additional specimen labeled as a syntype, but it is not from a locality mentioned in the original description.

Chrysotus vulgaris Van Duzee, 1924a, Bull. Buffalo Soc. nat. Sci. 13: 15. USA.

Syntypes: 2♂♂, CNC No. 405.

"2♂♂"; Truro, N.S., 8 July 13/ PARATYPE C. vulgaris V.D. No. 405/ Chrysotus vulgaris Paratype Van Duzee/ SYNTYPE Chrysotus vulgaris V. Duzee, CNC No. 405.

Remarks: Although Arnaud (1979, p. 248) refers to a holotype in the California Academy of Sciences, no holotype was designated in the original description.

Diaphorus cylindricus Van Duzee, 1924b, Can. Ent. 56: 248. CANADA.

Holotype ♂: Hull, Que., 4.VI.1923, C.H. Curran/ HOLOTYPE Diaphorus cylindricus V.-D., Holo. CNC No. 359/ Diaphorus cylindricus Holotype. Van Duzee.

Allotype ♀: Same data as holotype.

Paratypes: 7♂♂, 5♀♀, Quebec; 10♂♂, 4♀♀, Ontario.

Diaphorus gibbosus Van Duzee, 1915, Bull. Buffalo Soc. nat. Sci. 11: 173. USA.

Syntype: 1♂, CNC No. 236.

"♂"; Ft. Erie, Ont., 6.20.14, M.C.V. Coll./ PARATYPE Diaphorus gibbosus [sic] Van D. No. 236/ Diaphorus gibbosus [sic] Paratype Van Duzee/ SYNTYPE Diaphorus gibbosus V. Duzee, CNC No. 236.

Remarks: Although Arnaud (1979, p. 250) refers to a holotype in the California Academy of Sciences, no holotype was designated in the original description.

Diostracus aurifer Takagi, 1972, J. nat. Hist. 6: 521. NEPAL.

Holotype ♂: 27°58'N. 85°00'E., Mal. tr. 1, 11000', 29 June, 1967, Can. Nepal. Exped./ HOLOTYPE Diostracus aurifer Takagi, CNC No. 11091.

Paratypes: 6♂♂, 7♀♀, adults, 7♂♂, 1♀, slides, Nepal.

Diostracus flexus Takagi, 1972, J. nat. Hist. 6: 526. NEPAL.

Holotype ♂: 27°58'N. 85°00'E., Mal. tr. 1, 11100', 26 June, 1967 Can. Nepal Exped./ HOLOTYPE Diostracus flexus Takagi, CNC No. 11092.

Paratypes: 1♂, 2♀♀, adults, 6 slides, Nepal.

Diostracus nebulosus Takagi, 1972, J. nat. Hist. 6: 531.

NEPAL.

Holotype ♂: 27°58'N. 85°00'E., Mal. tr. 1, 11100' 8-11 June 1967, Can. Nepal Exped./ HOLOTYPE Diostracus nebulosus Takagi, CNC No. 11093.

Paratypes: 10♂♂, 9♀♀, adults, 8 slides, Nepal.

Diostracus ramulosus Takagi, 1972, J. nat. Hist. 6: 536.

NEPAL.

Holotype ♂: NEPAL, Ktmd., Godavari, 6000', 13. July 1967, Can. Nepal Exped./ HOLOTYPE Diostracus ramulosus Takagi, CNC No. 11094.

Remarks: The left wing is missing from the holotype.

Dolichopus albertensis Curran, 1922h, Can. Ent. 54: 286.

CANADA.

Holotype ♂: Banff, Alta., 18.VI.1922, C.B.D. Garrett/ HOLOTYPE Dolichopus albertensis Curr., CNC No. 508.

Allotype ♀: Same data as holotype.

Paratypes: 2♀♀, Alberta.

Dolichopus andersoni Curran, 1924j, Can. Ent. 56: 304.

CANADA.

Holotype ♂: Duncan, B.C., 26.VII.1921, W.B. Anderson/ HOLOTYPE Dolichopus andersoni Curr., CNC No. 759.

Allotype ♀: Same data as holotype.

Dolichopus bifRACTUS Loew, 1861b, K. Realschule zu Meseritz Prog. 1861: 19. USA.

Syntypes: 2♂♂, 1♀, CNC No. 290.

"♂"; (No locality label) ♂/ Loew Coll./ PARATYPE D. bifRACTUS Lw. No. 290/ Types 12949/ Dolichopus bifRACTUS L. Paratype/ SYNTYPE Dolichopus bifRACTUS Lw., CNC No. 290.

"♂"; Neb./ Loew Coll./ PARATYPE Dolichopus bifRACTUS Loew, No. 290/ Types 12949/ Dolichopus bifRACTUS L./ SYNTYPE Dolichopus bifRACTUS Lw., CNC No. 290.

"♀"; Neb./ Loew Coll./ PARATYPE D.

bifRACTUS Lw., No. 290/ Types 12949/ Dolichopus bifRACTUS L. paratype/ SYNTYPE Dolichopus bifRACTUS Lw., CNC No. 290.

Remarks: The above specimens each have a red Museum of Comparative Zoology type label, number 12949.

Dolichopus breviciliatus Van Duzee, 1933a, Am. Mus. Novit. 599: 13. CANADA.

599: 13. CANADA.

Holotype ♂: Natashquan, Que., 1.VIII.1929, W.J. Brown/ HOLOTYPE Dolichopus breviciliatus Van Duzee, CNC No. 3432./ Dolichopus breviciliatus Holotype Van Duzee.

Dolichopus comatus Loew, 1861b, K. Realschule zu Meseritz

Prog. 1861: 23. USA.

Syntype: 1♀, CNC No. 2126.

- "♀"; Md./ Loew Coll./ PARATYPE
Dolichopus comatus Loew, No. 2126/ Types
 12953/ *Dolichopus comatus* L./ SYNTYPE
Dolichopus comatus Lw. CNC No. 2126.
 Remarks: The above specimen has a red Museum of
 Comparative Zoology type label, number 12953.
- Dolichopus dasyops*** Malloch, 1919, Report on Canadian Arctic
 Expedition 3: 49. CANADA.
 Holotype ♂: Bernard Harbour, N.W.T., July, 10/
 HOLOTYPE *Dolichopus dasyops* Mall., CNC
 No. 228/ Canadian Arctic Expedition F.J. 1916.
- Dolichopus diversipennis*** Curran, 1922h, Can. Ent. 54: 286.
 CANADA.
 Holotype ♂: Nordegg, Alta., 5.VII.1921, J.
 McDunnough/ HOLOTYPE *Dolichopus*
diversipennis Curr. CNC No. 509.
- Dolichopus flavifacies*** Van Duzee, 1933a, Am. Mus. Novit.
 599: 15. CANADA.
 Holotype ♂: Harrington Harb., Que., 3.VII.1929,
 W.J. Brown/ HOLOTYPE *Dolichopus*
flavifacies Van Duzee, CNC No. 3423/
Dolichopus flavifacies Holotype Van Duzee.
- Dolichopus frontalis*** Van Duzee, 1928, Can. Ent. 60: 40.
 CANADA.
 Holotype ♂: Yankee Bend, Sask., 11.VII.1926, N.J.
 Atkinson/ HOLOTYPE *Dolichopus frontalis*
 V.Duz., CNC No. 2499/ *Dolichopus frontalis*
 Holotype Van Duzee.
- Dolichopus incisuralis*** Loew, 1861b, K. Realschule zu Meseritz
 Prog. 1861: 25. USA.
 Syntypes: 2♂♂, CNC No. 291.
 "2♂♂"; N.Y./ Loew Coll./ PARATYPE D.
incisuralis Loew, No. 291/ Types 12963/
Dolichopus incisuralis L. paratype/ SYNTYPE
Dolichopus incisuralis Loew CNC No. 291.
 Remarks: The above specimens each have a red
 Museum of Comparative Zoology type label,
 number 12963.
- Dolichopus kjari*** Stackelberg, 1929, Zool. Anz. 84: 174. USSR.
 Syntypes: 1♂, 1♀, CNC No. 18632.
 "1♂, 1♀"; City Yakutsk Bianki, 30.VIII.25/
 Acad. Sci. Yakutia Expedition/ Paratypus D.
kjari Stack./ *Dolichopus kjari* Stack. 30,
 Stackelberg det./ SYNTYPE *Dolichopus kjari*
 Stack., CNC No. 18632.
- Dolichopus longipennis*** Loew, 1861b, K. Realschule zu
 Meseritz Prog. 1861: 21. USA.
 Syntype: 1♂, CNC No. 2127.
 "♂"; (no locality label) Loew Coll./
 PARATYPE *Dolichopus longipennis* Loew, No.
 2127/ Types 12969/ *Dolichopus longipennis* L./
 SYNTYPE *Dolichopus longipennis* Loew, CNC
 No. 2127.
- Remarks: The above specimen has a red Museum of
 Comparative Zoology type label, number 12969.
- Dolichopus lundbecki*** Curran, 1923f, Can. Ent. 55: 236.
 CANADA.
 Holotype ♂: Ottawa, Ont., M.B., 7.VI.1923, C.H.
 Curran/ HOLOTYPE *Dolichopus lundbecki*
 Curr., CNC No. 613.
 Allotype ♀: Same data as holotype.
- Dolichopus maculitarsis*** Van Duzee, 1925b, Psyche 32: 184.
 CANADA.
 Holotype ♀: Baldur, Man., 23.VI.24, R.D. Bird/
 HOLOTYPE *Dolichopus maculitarsis* V.D.,
 CNC No. 1412/ *Dolichopus maculitarsis*
 Holotype Van Duzee.
- Dolichopus martynovi*** Stackelberg, 1930, Annu. Mus. zool.
 l'Acad. Sci. l'URSS. 1930: 140. Russ., 157.
 Latin. USSR.
 Syntypes: 1♂, 1♀, CNC No. 18571.
 "1♂, 1♀"; pv. Rabokon', S. Khanka, Ussuri
 region, 18.VII.927, Stackelberg/ Paratypus
Dolichopus martynovi Stack./ *Dolichopus*
martynovi Stack., 30, Stackelberg det./
 SYNTYPE *Dolichopus martynovi* Stack., CNC
 No. 18571.
- Dolichopus nataliae*** Stackelberg, 1930, Annu. Mus. zool.
 l'Acad. Sci. l'URSS. 1930: 140 Russ., 150
 Latin. USSR.
 Syntype: 1♂, CNC No. 18572.
 "♂"; Tigrovaya, Suchan. ri., Ussuri region,
 16.VI.927, Stackelberg/ Paratypus/ *Dolichopus*
nataliae Stack. 66, Stackelberg det./ SYNTYPE
Dolichopus nataliae Stack., CNC No. 18572.
- Dolichopus nigricoxa*** Van Duzee, 1926d, Can. Ent. 58: 230.
 CANADA.
 Holotype ♂: Barkerville, B.C., 2.VIII. N. Criddle/
 HOLOTYPE *Dolichopus nigricoxa* ♂ V.D.,
 CNC No. 1302/ *Dolichopus nigricoxa* Holotype
 Van Duzee.
 Paratypes: 2♀♀, British Columbia.
 Remarks: One of the above paratypes is labeled as
 an allotype, but no allotype was designated in
 the original description.
- Dolichopus nigrilineatus*** Van Duzee, 1924b, Can. Ent. 56: 248.
 CANADA.
 Holotype ♂: Nordegg, Alta., 26.VII.1921, J.
 McDunnough/ HOLOTYPE *Dolichopus*
nigrilineatus V.D., CNC No. 614/ *Dolichopus*
nigrilineatus Holotype Van Duzee.
- Dolichopus nomadus*** Harmston & Knowlton, 1942, Ann. ent.
 Soc. Am. 35: 18. CANADA.
 Holotype ♂: Cypress Hills, Alta., 10.VIII.1939,
 E.H. Strickland/ HOLOTYPE *Dolichopus*
nomadus H.&K., CNC No. 5243/ HOLOTYPE
Dolichopus nomadus n.sp. F.C.H. - G.F.K.

Remarks: The holotype has the left wing mounted between 2 pieces of plastic that are pinned below the specimen.

Dolichopus phyllocerus Vockeroth, 1962, Can. Ent. 94: 502. USA.

Holotype ♂: Highlands, N.C., 3800', 15.V.1957, J.R. Vockeroth/ HOLOTYPE Dolichopus phyllocerus Vockeroth, CNC No. 7507.

Paratypes: 5♂♂, 3♀♀, North Carolina.

Dolichopus refulgens Harmston & Knowlton, 1939, Ann. ent. Soc. Am. 32: 349. CANADA.

Holotype ♂: Fawcett, Alta., 16.VI.1934, E.H. Strickland/ HOLOTYPE Dolichopus refulgens H.&K., CNC No. 4574/ HOLOTYPE Dolichopus refulgens n.sp. F.C.H. & G.F.K./ Dolichopus refulgens H.&K., Det. 1939 F.C. Harmston.

Dolichopus rezvorum Stackelberg, 1930, Annu. Mus. zool. l'Acad. Sci. l'URSS. 1930: 148 Russ., 159 Latin. USSR.

Syntype: 1♂, CNC No. 18573.
"♂"; Tigrovaya, Suchan. ri. Ussuri region, 8.VI.1927, Stackelberg/ Paratypus/ Dolichopus rezvorum Stack., 30, Stackelberg det./ SYNTYPE Dolichopus rezvorum Stack., CNC No. 18573.

Dolichopus robertsoni Curran, 1923d, Can. Ent. 55: 191. CANADA.

Holotype ♂: Baldur, Man., H.A. Robertson, 29.VII.1922/ HOLOTYPE Dolichopus robertsoni Curr., CNC No. 582.

Dolichopus roborovskii Stackelberg, 1933, Fliegen. palaearkt. Reg. 29 (Lfg 71): 89. USSR.

Syntype: 1♂, CNC No. 18574.
"♂"; Kurlyk, Baingol, east gaidam' 21.V.95 Rob. Kozlov/ Paratypus Dolichopus roborovskii Stack./ Dolichopus roborovskii Stack. 66, Stackelberg det./ SYNTYPE Dolichopus roborovskii Stack., CNC No. 18574.

Dolichopus robustus Stackelberg, 1928, Zool. Anz. 79: 266. USSR.

Syntype: 1♂, CNC No. 18575.
"♂"; road, spassk-Yakovlevka, Ussuri region, 927, Stackelberg/ River Ugodinza/ Paratypus D. robustus Stack./ Dolichopus robustus Stack. Stackelberg det./ SYNTYPE Dolichopus robustus Stack., CNC No. 18575.

Dolichopus simulans Van Duzee, 1926d, Can. Ent. 58: 231. CANADA.

Holotype ♂: Glen Souris, Man., 8.VII.25. N. Criddle/ HOLOTYPE Dolichopus simulans V.D., CNC No. 1303/ Dolichopus simulans Holotype Van Duzee.

Dolichopus stricklandi Harmston & Knowlton, 1939, Ann. ent. Soc. Am. 32: 350. CANADA.

Holotype ♂: Gull Lake, Alta., 27.VII.1932, H. Strickland/ HOLOTYPE Dolichopus stricklandi H.&K., CNC No. 4573/ HoloTYPE Dolichopus stricklandi n.sp. F.C.H. & G.F.K./ Dolichopus stricklandi ♂ H.&K., Det. 1939 F.C. Harmston.

Remarks: The right hind leg of the holotype is glued to the locality label.

Dolichopus subspina Van Duzee, 1928, Can. Ent. 60: 41. CANADA.

Holotype ♂: Melfort, Sask., 16.7.1925, Kenneth M. King/ HOLOTYPE Dolichopus subspina V.Duz., CNC No. 2498/ Dolichopus subspina Holotype Van Duzee.

Dolichopus ussuriensis Stackelberg, 1930, Annu. Mus. zool. l'Acad. Sci. l'URSS. 1930: 141 Russ., 153 Latin. USSR.

Syntypes: 4♂♂, CNC No. 18577.
"4♂♂"; Tigrovaya, Suchan, ri., Ussuri region, 10.VI.1927 Stackelberg/ Paratypus D. ussuriensis Stack./ SYNTYPE Dolichopus ussuriensis Stack., CNC No. 18577.

Dolichopus vanduzeei Curran, 1922h, Can. Ent. 54: 285. CANADA.

Holotype ♂: Banff, Alta., 5.V.1922, C.B.D. Garrett/ HOLOTYPE Dolichopus vanduzeei Curr., CNC No. 507.
Allotype ♀: Same data as holotype.
Paratype: 1♀, Alberta.

Dolichopus xanthopyga Stackelberg, 1930, Annu. Mus. zool. l'Acad. Sci. l'URSS. 1930: 150 Russ., 161 Latin. USSR.

Syntypes: 1♂, 1♀, CNC No. 18578.
"♂"; p.v. Rabokon, S. of Khanka, Ussuri region, 18.VII.1927, Stackelberg/ Paratypus/ Dolichopus xanthopyga 30 St. Stackelberg det./ SYNTYPE Dolichopus xanthopyga Stack., CNC No. 18578.
"♀"; Starya Devica, S. of Khanka, Ussuri region, 14.VII.1927, Stackelberg/ Paratypus D. xanthopyga Stack./ SYNTYPE Dolichopus xanthopyga Stack., CNC No. 18578.

Gymnopternus annulatus Van Duzee, 1926c, Can. Ent. 58: 58. CANADA.

Holotype ♂: Smith's Cove, N.S., 6.VIII.1925, A. Gibson/ HOLOTYPE Gymnopternus annulatus V.D., CNC No. 1955/ Gymnopternus annulatus Holotype Van Duzee.

Gymnopternus anomalocerus Robinson, 1964, Misc. Publs ent. Soc. Am. 4: 169. USA.

Holotype ♂: East Ridge, Tenn., 6-V-1952, G.S. Walley/ HOLOTYPE Gymnopternus anomalocerus Robinson, CNC No. 8885/

- Holotype ♂ *Hercostomus anomalocerus* H. Robinson.
Paratype: 1 ♂, Tennessee.
- Gymnopternus campsicnemoides*** Robinson, 1964, Misc. Publ. ent. Soc. Am. 4: 163. USA.
Holotype ♂: Highlands, N.C., 3800', 3.VI.1957, J.R. Vockeroth/ HOLOTYPE *Gymnopternus campsicnemoides* Robinson, CNC No. 8884/ Holotype ♂ *Hercostomus campsicnemoides* H. Robinson.
Allotype ♀: Wayah Bald, N.C., 4100', 28.VII.1957, W.R. Richards/ ALLOTYPE *Gymnopternus campsicnemoides* Robinson, CNC No. 8884/ Allotype ♀ *Hercostomus campsicnemoides* H. Robinson.
Paratypes: 17 ♂♂, 9 ♀♀, North Carolina; 6 ♂♂, 7 ♀♀, Tennessee.
- Gymnopternus cuneicornis*** Robinson, 1964, Misc. Publ. ent. Soc. Am. 4: 171. USA.
Holotype ♂: Rabun Bald, Ga., 4200', 16-VII-1957, W.R. Richards/ HOLOTYPE *Gymnopternus cuneicornis* Robinson, CNC No. 8886/ Holotype ♂ *Hercostomus cuneicornis* H. Robinson.
Paratypes: 2 ♂♂, North Carolina.
- Gymnopternus flaviventris*** Robinson, 1964, Misc. Publ. ent. Soc. Am. 4: 163. USA.
Holotype ♂: Oneco, Fla., 23.III.1955, John C. Martin/ HOLOTYPE *Gymnopternus flaviventris* Robinson, CNC No. 8882/ Holotype ♂ *Hercostomus flaviventris* H. Robinson.
Paratype: 1 ♂, Florida.
- Gymnopternus flavus*** Loew, 1861b, K. Realschule zu Meseritz Prog. 1861: 28. USA.
Syntype: 1 ♀, CNC No. 2130.
"♀"; Penn./ Loew Coll./ PARATYPE *Gymnopternus flavus* Loew, No. 2130/ Types 13006/ *Gymnopternus flavus* L./ SYNTYPE *Gymnopternus flavus* loew, CNC No. 2130.
Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 13006.
- Gymnopternus frequens*** Loew, 1861b, K. Realschule zu Meseritz Prog. 1861: 32. USA.
Syntype: 1 ♂, CNC No. 2131.
"♂"; (No locality label) Loew Coll./ PARATYPE *Gymnopternus frequens* Loew, No. 2131/ Types 13007/ *Gymnopternus frequens* L./ SYNTYPE *Gymnopternus frequens* Loew, CNC No. 2131.
Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 13007.
- Gymnopternus humilis*** Loew, 1864a, Smithson. misc. Collns 6(2[=pub.171]): 336. USA.
Syntype: 1 ♂, CNC No. 2132.
"♂"; Illinois, C. Barron/ Loew Coll./ PARATYPE *Gymnopternus humilis* Loew, No. 2132/ Types 13008/ *Gymnopternus humilis* L./ SYNTYPE *Gymnopternus humilis* Loew, CNC No. 2132.
Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 13008.
- Gymnopternus hybridus*** Robinson, 1964, Misc. Publ. ent. Soc. Am. 4: 164. USA.
Holotype ♂: East Ridge, Tenn., 9-V-1952, G.S. Wally/ HOLOTYPE *Gymnopternus hybridus* Robinson, CNC No. 8883/ Holotype ♂ *Hercostomus hybridus* H. Robinson.
Allotype ♀: Same data as holotype.
Paratypes: 43 ♂♂, 12 ♀♀, Tennessee.
- Gymnopternus lividifrons*** Van Duzee, 1926c, Can. Ent. 58: 58. CANADA.
Holotype ♂: Pt. Pelee, Ont., 28-V-1925, G.S. Walley/ HOLOTYPE *Gymnopternus lividifrons* ♂ V.D., CNC No. 1954/ *Gymnopternus lividifrons* Holotype Van Duzee.
Allotype ♀: Same data as holotype.
Paratypes: 4 ♂♂, 1 ♀, Ontario.
- Gymnopternus proprio-facies*** Robinson, 1964, Misc. Publ. ent. Soc. Am. 4: 162. USA.
Holotype ♂: Kirksey, S.C., 24-VI-1957, W.R.M. Mason/ HOLOTYPE *Gymnopternus proprio-facies* Robinson, CNC No. 8881/ Holotype *Hercostomus proprio-facies* [sic] H. Robinson.
Paratype: 1 ♂, South Carolina.
- Gymnopternus pseudodebilis*** Robinson, 1964, Misc. Publ. ent. Soc. Am. 4: 171. USA.
Holotype ♂: Highlands, N.C., 20-VII-1957, W.R. Richards/ HOLOTYPE *Gymnopternus pseudodebilis* Robinson, CNC No. 8887/ Holotype *Hercostomus pseudodebilis* H. Robinson.
Paratype: 1 ♂, North Carolina.
- Gymnopternus vockerothi*** Robinson, 1964, Misc. Publ. ent. Soc. Am. 4: 172. USA.
Holotype ♂: Tarpon Springs, Fla., 18.IV-1952, J.R. Vockeroth/ HOLOTYPE *Gymnopternus vockerothi* Robinson, CNC No. 8888/ Holotype ♂ *Hercostomus vockerothi* H. Robinson.
Allotype ♀: Same data as holotype.
Paratypes: 2 ♂♂, 2 ♀♀, North Carolina; 3 ♂♂, 4 ♀♀, Florida; 1 ♀, Georgia.
Remarks: In the original description the generic name was misspelled *Gymnopterus*.
- Hercostomus (Gymnopternus) browni*** Van Duzee, 1933a, Am. Mus. Novit. 599: 18. CANADA.
Holotype ♂: Bradore Bay, Que., 12.VII.1930, W.J. Brown/ HOLOTYPE *Gymnopternus browni* Van Duzee, CNC No. 3680/ *Gymnopternus browni* Holotype Van Duzee.
Paratypes: 7 ♂♂, Quebec.

Remarks: There is one additional specimen labeled as a paratype, but it is not from a locality mentioned in the original description.

Hercostomus neocryptus Harmston & Knowlton, 1941, Can. Ent. 73: 130. CANADA.

Holotype ♂: Lethbridge, Alta., July 18, 1923, H.E. Gray/ HOLOTYPE *Hercostomus neocryptus* H.&K., CNC No. 5244/ HOLOTYPE *Hercostomus neocryptus* n.sp. F.C.H. & G.F.K.

Allotype ♀: Edmonton, Alb., VIII.1927, H.A. MacGregor/ ALLOTYPE *Hercostomus neocryptus* H.&K., CNC No. 5244/ ALLOTYPE *Hercostomus neocryptus* n.sp. F.C.H. & G.F.K.

Remarks: The head is missing from the allotype.

Hercostomus procerus Wheeler, 1899, Proc. Calif. Acad. Sci. ser. 3. 2: 8. USA.

Syntypes: 1♂, 1♀, CNC No. 347.
"♂, ♀, California.

Hercostomus purpuratus Van Duzee, 1925b, Psyche 32: 185. CANADA.

Holotype ♂: Stockton, Man., N. Criddle, 29.VII.1924/ HOLOTYPE *Hercostomus purpuratus* V.D., CNC No. 1413/ *Hercostomus purpuratus* Holotype Van Duzee.

Allotype ♀: Same data as holotype.

Hercostomus separatus Fonseca, 1976, Entomologist's mon. Mag. (1975) 111: 27. YUGOSLAVIA.

Holotype ♂: Dalmatien, Ombla Tal, 23.V.23, Zerny/ HOLOTYPE *Hercostomus separatus* Fonseca, CNC No. 18579/ TYPE *Hercostomus separatus* Fonseca.

Paratypes: 1♂, 2♀, Yugoslavia.

Hercostomus vockerothi Fonseca, 1976, Entomologist's mon. Mag. (1975) 111: 26. AUSTRIA.

Holotype ♂: Obergurgl, TIROL, 1950m., 26-VII-1953, J.R. Vockeroth/ HOLOTYPE *Hercostomus vockerothi* Fonseca, CNC No. 18580/ TYPE *Hercostomus vockerothi* Fon.

Paratype: 1♀, Austria.

Hydrophorus albomaculatus Van Duzee, 1926b, Psyche 33: 47. CANADA.

Holotype ♀: Aweme, Man., 12.VII.1925, R.D. Bird/ HOLOTYPE *Hydrophorus albomaculatus* V. Duz., CNC No. 2044/ *Hydrophorus albomaculatus* Holotype Van Duzee.

Hydrophorus ampullaceus Van Duzee, 1924b, Can. Ent. 56: 247. CANADA.

Holotype ♂: Banff, Alta., 25.VIII.1922, C.B.D. Garrett/ HOLOTYPE *Hydrophorus ampullaceus* V.D., CNC No. 616/ *Hydrophorus ampullaceus* Holotype Van Duzee.

Hydrophorus angustifacies Hurley, 1985, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 6: 29. CANADA.

Holotype ♂: Ottawa, Ont., 25.IV.1922, C.H. Curran/ HOLOTYPE *Hydrophorus angustifacies* Hurley, CNC No. 20652/ HOLOTYPE *Hydrophorus angustifacies* des. Hurley 1966.

Allotype ♀: Same data as holotype.

Paratypes: 15♂♂, 15♀♀, Ontario.

Hydrophorus argentifacies Van Duzee, 1926b, Psyche 33: 51. CANADA.

Holotype ♂: Treesbank, Man., 16.IX.1925, N. Criddle/ *Hydrophorus* HOLOTYPE ♂ *argentifacies* V.D., CNC No. 2046/ *Hydrophorus argentifacies* Holotype Van Duzee.

Allotype ♀: Same data as holotype.

Hydrophorus bovatus Hurley, 1985, Flies of the Nearctic Region. Schweizerbart, Stuttgart 6: 33. CANADA.

Holotype ♀: Saskatoon, Sask. 27.IX.1948, J.R. Vockeroth/ HOLOTYPE *Hydrophorus bovatus* Hurley CNC No. 20653/ HOLOTYPE *Hydrophorus bovatus* des. Hurley 1966.

Hydrophorus browni Curran, 1930a, JI. N.Y. ent. Soc. 38: 73. CANADA.

Holotype ♂: Bonne Esperance, Que., 14.VII.1929, W.J. Brown/ HOLOTYPE *Hydrophorus browni* Curran, CNC No. 3199/ *Hydrophorus* TYPE *browni* ♂ Curran No.

Allotype ♀: Same data as holotype.

Paratype: 1♀, Quebec.

Hydrophorus claripennis Van Duzee, 1924b, Can. Ent. 56: 246. CANADA.

Holotype ♂: Aweme, Man., N. Criddle, 28.X.1922/ HOLOTYPE *Hydrophorus claripennis* V.D. CNC No. 615/ *Hydrophorus claripennis* Holotype Van Duzee.

Allotype ♀: Same data as holotype.

Remarks: Both flagella are missing from the holotype.

Hydrophorus criddlei Van Duzee, 1925b, Psyche 32: 181. CANADA.

Syntypes: 1♂, 1♀, CNC No. 1415.
"♂"; Aweme, Man. N. Criddle 7.X.1924/ HOLOTYPE *Hydrophorus criddlei* V-D. CNC No. 1415/ *Hydrophorus criddlei* Holotype Van Duzee/ SYNTYPE *Hydrophorus criddlei* Van Duzee CNC No 1415.

"♀"; Same data as above except with allotype labels on specimen.

Hydrophorus fulvidorsum Van Duzee, 1925b, Psyche 32: 182. CANADA.

Holotype ♂: Chin, Alta., May 30, 1923, H.L. Seamans/ HOLOTYPE *Hydrophorus*

fulvidorsum V.D., CNC No. 1414/
Hydrophorus fulvidorsum Holotype Van Duzee.
Remarks: The date on the locality label is May 30,
1923, not May 3 as published in original
description.

Hydrophorus hirpicifer Hurley, 1985, Flies of the Nearctic
Region. Schweizerbart, Stuttgart. 6: 59.
CANADA.

Holotype ♂: Cartwright, Lab. 26.VI.1955, E.F.
Cashman/ HOLOTYPE Hydrophorus hirpicifer
Hurley, CNC No. 20895/ HOLOTYPE
Hydrophorus hirpicifer des. Hurley 1966.

Paratype: 1♂, Labrador.

Remarks: The holotype has the terminalia dissected
and stored in glycerine in a glass microvial that
is pinned with the specimen.

Hydrophorus hirtipes Van Duzee, 1933b, Am. Mus. Novit.
655: 17. CANADA.

Holotype ♂: Thunder Riv., Que., 19.VIII.1930,
W.J. Brown/ HOLOTYPE Hydrophorus hirtipes
Van Duzee, CNC No. 3682/ Hydrophorus
hirtipes Holotype Van Duzee.

Paratype: 1♂, Quebec.

Hydrophorus lividipes Van Duzee, 1926b, Psyche 33: 50.
CANADA.

Holotype ♂: Aweme, Man., N. Criddle, 8.IV.1925/
Hydrophorus HOLOTYPE lividipes ♂ V.D.,
CNC No. 2043/ Hydrophorus lividipes
Holotype Van Duzee.

Hydrophorus myllomerus Hurley, 1985, Flies of the Nearctic
Region. Schweizerbart, Stuttgart. 6: 68.
CANADA.

Holotype ♂: Yellowknife, N.W.T. 16.V.1953, J.G.
Chillcott/ HOLOTYPE Hydrophorus
myllomerus Hurley, CNC No. 20896/
HOLOTYPE Hydrophorus myllomerus ♂ des.
Hurley 1966.

Allotype ♀: Same data as holotype.

Paratypes: 3♂♂, 1♀, Northwest Territories.

Hydrophorus nigrinervis Van Duzee, 1926b, Psyche 33: 46.
CANADA.

Holotype ♂: Kamloops, B.C., 30.VII., N. Criddle/
Hydrophorus HOLOTYPE ♂ nigrinervis V.D.
CNC No. 2047/ Hydrophorus nigrinervis
Holotype Van Duzee.

Allotype ♀: Same data as holotype.

Hydrophorus phalarus Hurley, 1985, Flies of the Nearctic
Region. Schweizerbart, Stuttgart. 6: 74.
CANADA.

Holotype ♂: Warkworth Cr. Nr. Churchill Man.
10.VI.1952, C.D. Bird F.D./ HOLOTYPE
Hydrophorus phalarus Hurley, CNC No. 20897/
HOLOTYPE Hydrophorus phalarus des. Hurley
1966.

Allotype ♀: Same data as holotype

Paratypes: 6♂♂, 12♀♀, Manitoba.

Hydrophorus pilitarsis Malloch, 1919, Report of the Canadian
Arctic Expedition 3: 51. USA.

Holotype ♂: Teller, July 29.13, Alaska/ Canadian
Arctic Expedition F.J. 1913/ HOLOTYPE
Hydrophorus pilitarsis Mall. CNC No. 328/
Hydrophorus pilitarsis Mall. - Type.

Paratypes: 1♂, 1♀, Alaska.

Hydrophorus plautus Hurley, 1985, Flies of the Nearctic
Region. Schweizerbart, Stuttgart. 6: 80.
CANADA.

Holotype ♂: Yellowknife, N.W.T., 21.V.1953, J.G.
Chillcott/ HOLOTYPE Hydrophorus plautus
Hurley CNC No. 20898/ HOLOTYPE
Hydrophorus plautus des. Hurley 1966.

Allotype ♀: Same data as holotype except
25.V.1953.

Paratypes: 5♀♀, Northwest Territories.

Hydrophorus purus Curran, 1924f, Can. Ent. 56: 193.
CANADA.

Holotype ♂: Reston, Man., H.A. Robertson,
2.VIII.1922/ HOLOTYPE Hydrophorus purus
Curran, CNC No. 707.

Hydrophorus trichaspis Hurley, 1985, Flies of the Nearctic
Region. Schweizerbart, Stuttgart. 6: 86.
CANADA.

Holotype ♂: Fort Churchill, Man., 13.VI.1952,
C.D. Bird, E-O/ HOLOTYPE Hydrophorus
trichaspis Hurley, CNC No. 20899/
HOLOTYPE Hydrophorus trichaspis des.
Hurley 1966.

Allotype ♀: Same data as holotype.

Paratypes: 2♂♂, Manitoba.

Hygroceleuthus consanguineus Wheeler, 1899, Proc. Calif.
Acad. Sci. ser. 3, 2: 5. USA.

Syntypes: 1♂, 1♀, CNC No. 350.

"♂"; Monterey Co., Cala. July 23 '96/

PARATYPE No. 350/ COTYPE/ SYNTYPE
Hygroceleuthus consanguineus Wheeler, CNC
No. 350.

"♀"; Monterey Co., Cala. July 25 '96/

PARATYPE No. 350/ COTYPE consang./
SYNTYPE Hygroceleuthus consanguineus
Wheeler, CNC No. 350.

Medetera canadensis Bickel, 1985, Tech. Bull. U.S. Dept.
Agric. 1692: 54. CANADA.

Holotype ♂: N.B. Doaktown, Hwy 8, 7.VIII.1971,
B.V. Peterson/ HOLOTYPE Medetera
canadensis Bickel, CNC No. 20900/
HOLOTYPE Medetera canadensis ♂, Bickel.

Allotype ♀: Same data as holotype.

Paratypes: 2♂♂, Quebec; 2♂♂, 6♀♀, New
Brunswick; 5♂♂, 7♀♀, Manitoba; 9♂♂, 4♀♀,
Ontario.

Medetera chillcotti Bickel, 1987, Rec. Aust. Mus. 39: 216.

NEPAL.

Holotype ♂: NEPAL nr. Birganj Lothar, 17.IX.67, 450' Can. Exped. Mal. trap/ HOLOTYPE Medetera chillcotti Bickel, CNC No. 20904/ HOLOTYPE ♂ Medetera chillcotti des. D.J. Bickel 1983.

Paratype: 1 ♂, Nepal.

Remarks: The holotype has its terminalia stored in a plastic microvial that is pinned with the specimen.

Medetera flinflon Bickel, 1985, Tech. Bull. U.S. Dep. Agric. 1692: 36. CANADA.

Holotype ♂: FLIN FLON, MAN. Wht. Spruce BARK./ Rec. 44 W497 F.I. Survey 1944, Em. 3.II.1945/CNC/HOLOTYPE Medetera flinflon Bickel, CNC No. 20905/ HOLOTYPE ♂ Medetera flinflon Bickel.

Allotype ♀: Same data as holotype except Em. 1.II.1945.

Paratypes: 2 ♂♂, 4 ♀♀, British Columbia; 3 ♂♂, 1 ♀, Alaska (USA).

Remarks: The holotype has its terminalia stored in a plastic microvial that is pinned with the specimen.

Medetera gaspensis Bickel, 1985, Tech. Bull. U.S. Dep. Agric. 1692: 40. CANADA.

Holotype ♂: Gaspé Co., Que. 21 June 1935, E.B. Watson/ HOLOTYPE Medetera gaspensis Bickel, CNC No. 20906/ HOLOTYPE ♂ Medetera gaspensis Bickel.

Allotype ♀: Same data as holotype.

Paratypes: 13 ♂♂, 16 ♀♀, Quebec.

Medetera himalayensis Bickel, 1987, Rec. Aust. Mus. 39: 244. NEPAL.

Holotype ♂: 27°58'N. 85°00'E. Mal. tr. 3, 11400' 15 May 1967, Can. Nepal Exped./ HOLOTYPE Medetera himalayensis Bickel, CNC No. 20907/ HOLOTYPE ♂ Medetera himalayensis des. D.J. Bickel, 1983.

Remarks: The holotype has its terminalia stored in a plastic microvial that is pinned with the specimen.

Medetera intermedia Van Duzee, 1928, Can. Ent. 60: 40. CANADA.

Holotype ♂: Fort à la Conne, Sask., 17.7.1925, Kenneth M. King/ Medetera HOLOTYPE intermedia V.Duz. CNC No. 2497/ Medetera intermedia Holotype. Van Duzee/ I regard M. intermedia V.D. as a synonym of Medetera veles Lw. D.J. Bickel 1982.

Remarks: The holotype has its terminalia stored in a plastic microvial that is pinned with the specimen.

Medetera (Oligochaetus) leucarista Stackelberg, 1947, Ent. Obozr. 29: 95. Russ. 100. English. USSR.

Syntype: 1 ♂, CNC No. 18662.

"♂"; Rakhaty, Gissar, Valley (dolina), Tadzh, 6.VIII.1943, Stackelberg/ Syntypus Medetera leucarista Stackelberg, 1947/ SYNTYPE Medetera (Oligochaetus) leucarista Stackelberg, CNC No. 18662.

Medetera neomelancholia Bickel, 1985, Tech. Bull. U.S. Dep. Agric. 1692: 41. CANADA.

Holotype ♂: Kirkwood Twp., Ont. 11.VII.1961/ Ex crown of Pinus resinosa/ HOLOTYPE Medetera neomelancholia Bickel, CNC No. 20908/ HOLOTYPE ♂ Medetera neomelancholia Bickel.

Allotype ♀: Same data as holotype.

Paratypes: 3 ♀♀, Ontario.

Remarks: The holotype has its terminalia stored in a glass microvial that is pinned with the specimen.

Medetera nepalensis Bickel, 1987, Rec. Aust. Mus. 39: 244. NEPAL.

Holotype ♂: 27°57'N. 84°59'E. Mal. tr. 5, 10000', 18 May 1967, Can. Nepal Exped./ HOLOTYPE Medetera nepalensis Bickel, CNC No. 20909/ HOLOTYPE Medetera nepalensis des. D.J. Bickel, 1983.

Paratypes: 2 ♂♂, 1 ♀, Nepal.

Remarks: There is a specimen labeled as the allotype, but no allotype was designated in the original description. The holotype has its terminalia stored in a plastic microvial that is pinned with the specimen.

Medetera platythrix Bickel, 1985, Tech. Bull. U.S. Dep. Agric. 1692: 26. USA.

Holotype ♂: Boulder, COLO. 5 mi. S. 5800' June 16, 1961, W.R.M. Mason/ HOLOTYPE Medetera platythrix Bickel, CNC No. 20910/ HOLOTYPE ♂ Medetera platythrix Bickel.

Allotype ♀: Same data as holotype except June 21-27, 1961.

Paratypes: 4 ♂♂, 12 ♀♀, Colorado; 3 ♂♂, 7 ♀♀, California; 1 ♂, 1 ♀, British Columbia (Canada).

Remarks: The date on the holotype is June 16, 1961 not June 21-27, 1961 as published in the original description.

Medetera pseudosibirica Bickel, 1985, Tech. Bull. U.S. Dep. Agric. 1692: 45. CANADA.

Holotype ♂: Invermere, B.C., D. monticolae, 7.VI.57/ HOLOTYPE Medetera pseudosibirica Bickel, CNC No. 20911/ HOLOTYPE ♂ Medetera pseudosibirica Bickel.

Allotype ♀: Same data as holotype except 6.VI.57.

Paratypes: 7 ♂♂, 13 ♀♀, Quebec.

Medetera stomias Bickel, 1987, Rec. Aust. Mus. 39: 245. NEPAL.

Holotype ♂: 27°56'N. 85°00'E. Mal. tr. 9, 9900', 22 May 1967, Can. Nepal Exped./ HOLOTYPE Medetera stomias Bickel, CNC No. 20901/

HOLOTYPE ♂ *Medetera stomias* sp.n. des.
D.J. Bickel, 1983.

Paratypes: 35♂♂, 22♀♀, Nepal.

Remarks: One of the above female specimens is labeled as an allotype, but no allotype was indicated in the original description.

Medetera trisetosus Van Duzee, 1924b, Can. Ent. 56: 246.
CANADA.

Syntypes: 1♂, 1♀, CNC No. 326.

"♂"; Banff, Alta. 14.VI.1922, C.B.D. Garrett/
HOLOTYPE *Medeterus trisetosus* V.D. No. 326/
Medeterus trisetosus Holotype Van Duzee/
I regard *M. trisetosa* as a synonym of *Medetera signaticornis* Loew, D.J. Bickel 1982/
SYNTYPE *Medeterus trisetosus* V.D. CNC No. 326.

"♀"; Banff, Alta. 11.VI.1922, C.B.D. Garrett/
TYPE *Medeterus trisetosus* V.D. No. 326/
Medeterus trisetosus Allotype Van Duzee/
SYNTYPE *Medeterus trisetosus* V.D. CNC No. 326.

Remarks: In the original description the generic name was spelled as *Medeterus*. The above two syntypes are labeled as holotype and allotype, but neither was designated in the original description.

Medetera tuktoyaktuk Bickel, 1985, Tech. Bull. U.S. Dep. Agric. 1692: 53. CANADA.

Holotype ♂: N.W.T., 20 mi. E. Tuktoyaktuk, 15 July 1971, W.R.M. Mason/ HOLOTYPE *Medetera tuktoyaktuk* Bickel CNC No. 20902/ HOLOTYPE *Medetera tuktoyaktuk* Bickel.

Remarks: The holotype has its terminalia stored in a plastic microvial that is pinned with the specimen.

Medetera vanduzeei Curran, 1928a, Bull. N.Y. St. Mus. 274: 203. CANADA.

Holotype ♂: Aylmer, Que., 31.VII.1924, C.H. Curran/ HOLOTYPE *Medeterus vanduzeei* Curran, CNC No. 5025.

Remarks: In the original description the generic name was spelled as *Medeterus*. The published CNC No. 1326 is correct. The species was mistakenly entered twice in the type book, and as a result the number 5025 on the type label is in error.

Medetera vockerothi Bickel, 1985, Tech. Bull. U.S. Dep. Agric. 1692: 32. CANADA.

Holotype ♂: Beechgrove, Que. 21.V.1964, 45°39', 76°8' J.R. Vockeroth/ HOLOTYPE *Medetera vockerothi* Bickel, CNC No. 20903/ HOLOTYPE ♂ *Medetera vockerothi* Bickel.

Allotype ♀: Same data as holotype.

Paratypes: 13♂♂, 4♀♀, Northwest Territories; 16♂♂, 10♀♀, Quebec; 6♂♂, 2♀♀, Ontario; 2♂♂, Manitoba; 1♂, 2♀♀, Alberta; 4♂♂, 4♀♀,

British Columbia; 3♂♂, 3♀♀, Colorado (USA); 1♀, Vermont (USA).

Micromorphus longilamellatus Robinson, 1964, Misc. Publ. ent. Soc. Am. 4: 122. USA.

Holotype ♂: Warwoman Crk., Ga., 4-VIII-1957, W.R. Richards/ HOLOTYPE *Micromorphus longilamellatus* Robinson, CNC No. 8894/ HOLOTYPE ♂ *Micromorphus longilamellatus* H. Robinson.

Allotype ♀: Pine Mtn., Ga., 1Mi. N. 3000', 12.VII.1957, J.G. Chillcott/ Allotype *Micromorphus longilamellatus* Robinson, CNC No. 8894/ Allotype ♀ *Micromorphus longilamellatus* H. Robinson.

Paratypes: 3♀♀, Tennessee; 2♀♀, North Carolina.

Neurigona cilimanus Van Duzee, 1924b, Can. Ent. 56: 245. CANADA.

Holotype ♂: Aweme, E. Man., 18-6-1921, P. Vroom/ HOLOTYPE *Neurigona cilimanus* V.D., CNC No. 327/ *Neurigona cilimanus*, Holotype. Van Duzee.

Remarks: The apical portion of the left wing is missing from the holotype.

Neurigona planipes Van Duzee, 1924b, Can. Ent. 56: 245. CANADA.

Holotype ♂: Waterton, Alta., July 8, 1923, H.L. Seamans/ HOLOTYPE *Neurigona planipes* V.D., CNC No. 455/ *Neurigona planipes*, Holotype. Van Duzee.

Paratype: 1♀, Alberta.

Remarks: The apical portion of the right wing of the holotype is missing. The above paratype was labeled as the allotype, but no allotype was designated in the original description.

Neurigona terminalis Van Duzee, 1924b, Can. Ent. 56: 244. CANADA.

Holotype ♂: Keremeos, B.C., 29.VI.1923, C.B. Garrett/ HOLOTYPE *Neurigona terminalis* V.D., CNC No. 454/ *Neurigona terminalis* Holotype. Van Duzee.

Paratype: 1♀, British Columbia.

Remarks: The above paratype was labeled as the allotype, but no allotype was designated in the original description.

Nothosympycnus tarsalis Curran, 1924d, Can. Ent. 56: 108. CANADA.

Holotype ♂: Orillia, Ont., 15.VII.1923, C.H. Curran/ HOLOTYPE *Nothosympycnus tarsalis* Curr., CNC No. 629.

Allotype ♀: Same data as holotype.

Paratypes: 4♂♂, 1♀, Ontario.

Nothosympycnus vegetus Wheeler, 1899, Proc. Calif. Acad. Sci. ser. 3, 2: 53. USA.

Syntype: 1♀, CNC No. 348.

"♀"; Monterey Co., Cala., July 17 '96./
PARATYPE No. 348/ Cotype/ SYNTYPE
Nothosympycnus vegetus Wheeler, CNC No.
348.

Parasyntormon emarginicornis Curran, 1923d, Can. Ent. 55:
192. CANADA.

Holotype ♂: Banff, Alta., 26.VII.1922, C.B.D.
Garrett/ HOLOTYPE Parasyntormon
emarginicornis Curr., CNC No. 580.

Parasyntormon rotundicornis Van Duzee, 1926c, Can. Ent. 58:
57. CANADA.

Holotype ♂: Smith's Cove, N.S., 6-VIII-1925, A.
Gibson/ HOLOTYPE ♂ Parasyntormon
rotundicornis V.D., CNC No. 1958/
Parasyntormon rotundicornis Holotype. Van
Duzee.

Allotype ♀: Same data as holotype.

Paratypes: 4♂♂, 7♀♀, Nova Scotia.

Remarks: There are an additional four specimens
with the same data as the type series, but these
are not labeled as paratypes.

Pelastoneurus proximus Aldrich, 1904, Trans. Am. ent. Soc.
30: 278. USA.

Syntype: 1♂, CNC No. 349.

"♂"; Opelousas, La., Apr '97/ PARATYPE
No. 349/ PARATYPE Pelastoneurus proximus
Ald./ SYNTYPE Pelastoneurus proximus
Aldrich, CNC No. 349.

Pelastoneurus vagans Loew, 1861b, K. Realschule zu Meseritz
Prog. 1861: 39. USA.

Syntype: 1♂, CNC No. 2134.

"♂"; (No locality label) Loew Coll./
PARATYPE Pelastoneurus vagans Loew, No.
2134/ Types 13041/ Pelastoneurus vagans L./
SYNTYPE Pelastoneurus vagans Loew, CNC
No. 2134.

Remarks: The above specimen has a red Museum of
Comparative Zoology type label, number 13041.

Polymedon dilaticosta Van Duzee, 1927b, Ann. ent. Soc. Am.
20: 124. USA.

Holotype ♂: Bt. Angel Trail, Gd. Canon Ariz./
HOLOTYPE Polymedon dilaticosta V.D., CNC
No. 4987/ Polymedon dilaticosta [sic] Holotype
Van Duzee.

Allotype ♀: Same data as holotype.

Paratypes: 4♂♂, 1♀, Arizona.

Polymedon nitidus Van Duzee, 1927b, Ann. ent. Soc. Am. 20:
125. USA.

Holotype ♀: Bt. Angel Trail, Gd. Canon Ariz./
HOLOTYPE Polymedon nitidus V.D., CNC
No. 4988/ Polymedon nitidus Holotype Van
Duzee.

Porphyrops grandis Curran, 1923e, Can. Ent. 55: 210.
CANADA.

Holotype ♂: Agassiz, B.C., 24.VII.1922, R.
Glendenning/ HOLOTYPE Porphyrops grandis
Curr., CNC No. 579.

Paratype: 1♂, British Columbia.

Psilopodinus viridicoxa Aldrich, 1904, Trans. Am. ent. Soc.
30: 284. USA.

Syntypes: 1♂, 1♀, CNC No. 343.

"♂"; La./ PARATYPE Sciopus viridicoxa Ald.,
No. 343/ COTYPE/ SYNTYPE Psilopodinus
viridicoxa Ald., CNC No. 343.

"♀"; La./ PARATYPE Sciopus viridicoxa Ald.,
No. 343/ COTYPE/ SYNTYPE Psilopodinus
viridicoxa Ald., CNC No. 343.

Psilopus fuscineris Van Duzee, 1926c, Can. Ent. 58: 56.
CANADA.

Holotype ♂: Pt. Pelee, Ont., 16.VII.1925, G.S.
Wally/ HOLOTYPE Psilopus fuscineris ♂,
V.D. CNC No. 1959/ Psilopus fuscineris
Holotype Van Duzee.

Paratypes: 6♀♀, Ontario.

Remarks: One of the above paratypes is labeled as
the allotype, but no allotype was designated in
the original description.

Psilopus graenicheri Van Duzee, 1927a, Ent. News 38: 73.
USA.

Holotype ♂: Miami, Fla., 26.II.1924, S. Graenicher/
HOLOTYPE Psilopus graenicheri ♂ V.D.,
CNC No. 2050/ Psilopus graenicheri Holotype
Van Duzee.

Allotype ♀: Same data as holotype except,
18.V.1924.

Paratypes: 3♂♂, 7♀♀, Florida.

Psilopus scobinator Loew, 1861b, K. Realschule zu Meseritz
Prog. 1861: 91. USA.

Syntype: 1♀, CNC No. 2133.

"♀"; (no locality label) Loew Coll./ Sciapus
scobinator L./ Type 12869/ PARATYPE
Sciapus scobinator No. 2133 Loew/ SYNTYPE
Psilopus scobinator Lw. CNC No. 2133.

Remarks: The above specimen has a red Museum of
Comparative Zoology type label, number 12869.

Rhaphium arboreum Curran, 1924e, Can. Ent. 56: 140.
CANADA.

Holotype ♂: Megantic, Que., 17.VI.1923, C.H.
Curran/ HOLOTYPE X. arboreum Curr., CNC
No. 626.

Allotype ♀: Same data as holotype.

Paratypes: 3♀♀, Quebec.

Remarks: Although Curran described this species
under the genus *Rhaphium* Meigen (= *Xiphandrium*
Loew), he labeled all the specimens of the type series as "*X. arboreum*".

Rhaphium armatum Curran, 1924e, Can. Ent. 56: 136.
CANADA.

- Holotype ♂: Hull, Que., 15.VI.1923, C.H. Curran/
HOLOTYPE *Rhaphium armatus* [sic] Curr.,
CNC No. 625.
- Rhaphium atkinsoni*** Curran, 1926b, Trans. R. Can. Inst. 15:
257 (Key). 1927c, Trans. R. Can. Inst. 16: 156.
CANADA.
Lectotype ♂: Saskatoon, Sask., 5.VI.1923, N.J.
Atkinson/ LECTOTYPE CNC No. 1353,
Rhaphium atkinson Curr./ HoloTYPE ♂
Rhaphium atkinsoni Curran, CNC No. 1353.
Allolectotype ♀: Same data as holotype.
Remarks: For lectotype designation see Curran
(1927c, p. 157), and Arnaud & Owen (1981, p.
70).
- Rhaphium browni*** Curran, 1931a, Am. Mus. Novit. 492: 5.
CANADA.
Holotype ♂: Natashquan, Que., 7.VIII.1929, W.J.
Brown/ HOLOTYPE *Rhaphium browni*
Curran, CNC No. 3412/ *Rhaphium* TYPE
browni ♂ Curran No.
Allotype ♀: Same data as holotype.
- Rhaphium campestris*** Curran, 1924e, Can. Ent. 56: 133.
CANADA.
Holotype ♂: Treesbank, Man., H.A. Robertson,
2.VI.1923/ HOLOTYPE *Rhaphium campestris*
Curr., CNC No. 644.
Allotype ♀: Banff, Alta., 1.VII.1922, C.B.D.
Garrett/ ALLOTYPE *Rhaphium campestris*
Curr., CNC No. 644.
- Rhaphium canadense*** Curran, 1924e, Can. Ent. 56: 137.
CANADA.
Holotype ♂: Hull, Que., 15.VI.1923, C.H. Curran/
HOLOTYPE *Porphyrops canadensis* Curr.,
CNC No. 622/ ALLOTYPE *Porphyrops*
canadensis Curr., CNC No. 622.
Allotype ♀: Same data as holotype.
Paratypes: 3♂♂, 14♀♀, Quebec.
Remarks: Although Curran described this species
under the genus *Rhaphium* Meigen (= *Porphyrops*
authors not Meigen), he labeled all the specimens of the type series as "*Porphyrops canadensis*". The holotype and allotype are mounted on the same pin.
- Rhaphium ciliatum*** Curran, 1929a, Can. Ent. 61: 30.
CANADA.
Holotype ♂: Agassiz, B.C., 31.V.1927, H.H. Ross/
HOLOTYPE *Rhaphium ciliatum* Curran, CNC
No. 2754.
- Rhaphium (Xiphandrium) elongatum*** Van Duzee, 1933a,
Am. Mus. Novit. 599: 4. CANADA.
Syntypes: 1♂, 3♀♀, CNC No. 3679.
"♂"; Thunder Riv., Que., 19.VI.1930, W.J.
Brown/ HOLOTYPE *Rhaphium elongatum* Van
Duzee, CNC No. 3679/ *Rhaphium elongatum*
- Holotype Van Duzee/ SYNTYPE *Rhaphium*
elongatum V.Duzee, CNC No. 3679.
"♀"; Same data as above except labeled as
allotype.
"2♀♀"; Same data as above except labeled as
paratypes, one has a date of 16.VI.1930.
- Rhaphium furcifer*** Curran, 1931a, Am. Mus. Novit. 492: 2.
CANADA.
Holotype ♂: Tabatiere, Que., 11.VII.1929, W.J.
Brown/ HOLOTYPE *Rhaphium furcifer*
Curran, CNC No. 3418/ *Rhaphium* TYPE
furcifer ♂ Curran No.
- Rhaphium gibsoni*** Curran, 1926d, Can. Ent. 58: 171.
CANADA.
Holotype ♂: Smith's Cove, N.S., 6-VIII-1925, A.
Gibson/ HOLOTYPE *Rhaphium gibsoni*
Curran, CNC No. 1960.
Allotype ♀: Same data as holotype.
- Rhaphium orientale*** Curran, 1926b, Trans. R. Can. Inst. 15:
254 (Key). 1927c, Trans. R. Can. Inst. 16: 113.
CANADA.
Lectotype ♂: Barber D., N.B., 25-VI-1914, J.D.
Tohill/ LECTOTYPE CNC No. 1352,
Rhaphium orientale Cn./ HOLOTYPE ♂
Rhaphium orientale Curran, CNC No. 1352.
Allolectotype ♀: Same data as holotype.
Paralectotypes: 2♂♂, 1♀, New Brunswick.
Remarks: For lectotype designation see Curran
(1927c, p. 113), and Arnaud & Owen (1981, p.
73).
- Rhaphium petchi*** Curran, 1924e, Can. Ent. 56: 138.
CANADA.
Holotype ♀: Hemmingford, Que., 29.VI.1923, C.H.
Curran/ HoloTYPE *P. petchi* Curr., CNC No.
623.
Paratype: 1♀, Quebec.
Remarks: Although Curran described this species
under the genus *Rhaphium* Meigen (= *Porphyrops*
authors, not Meigen), he labeled all the specimens of the type series as "*P. petchi*".
- Rhaphium punctitarsis*** Curran, 1924e, Can. Ent. 56: 135.
CANADA.
Holotype ♂: Hull, Que., 10.VI.1923, C.H. Curran/
HOLOTYPE *Rhaphium punctitarsis* Curr.,
CNC No. 624.
Allotype ♀: Same data as holotype.
Paratype: 1♀, Quebec.
- Rhaphium septentrionale*** Curran, 1931a, Am. Mus. Novit.
492: 4. CANADA.
Holotype ♂: Natashquan, Que., 8.VIII.1929, W.J.
Brown/ HOLOTYPE *Rhaphium septentrionale*
Curran, CNC No. 3415/ *Rhaphium* TYPE
septentrionale ♂ Curran No.
Allotype ♀: Same data as holotype.

- Rhaphium spinitarsis*** Curran, 1924e, Can. Ent. 56: 139.
CANADA.
Holotype ♂: Man., Strathclair, H.A. Robertson,
8.VIII.1923/ HoloTYPE *Rhaphium spinitarsis*
Curr., CNC No. 650.
- Rhaphium subarmatum*** Curran, 1924a, Psyche 31: 228.
CANADA.
Lectotype ♂: Oromocto, 9.VII.13/ LECTOTYPE
CNC No. 668 *Rhaphium subarmatum* Cn./
HoloTYPE *Rhaphium subarmatum* Curr., CNC
No. 668.
Allolectotype ♀: Same data as holotype.
Paralectotype: 1 ♀, New Hampshire (USA).
Remarks: For lectotype designation see Curran
(1927c, p. 124), and Arnaud & Owen (1981, p.
74).
- Rhaphium unistylatum*** Vockeroth, 1952, Can. Ent. 84: 276.
CANADA.
Holotype ♂: Reindeer Depot, Mackenzie Delta,
13.VII.1948, J.R. Vockeroth/ HOLOTYPE
Rhaphium unistylatum Vock., CNC No. 5985.
Allotype ♀: Same data as holotype.
Paratype: 1 ♀, Northwest Territories.
- Scellus amplus*** Curran, 1923b, Can. Ent. 55: 73. CANADA.
Holotype ♂: Saanich, B.C., 17.V.1919, W.
Downes/ HOLOTYPE *Scellus amplus* Curr.,
CNC No. 554.
- Sympycnus brevicauda*** Van Duzee, 1932b, Am. Mus. Novit.
569: 19. CANADA.
Syntypes: 1 ♂, 1 ♀, CNC No. 3430.
"♂"; Natashquan, 7.VIII.1929, W.J. Brown/
Que/ HOLOTYPE *Sympycnus brevicauda* Van
Duzee, No. 3430/ *Sympycnus brevicauda*
Holotype Van Duzee/ SYNTYPE *Sympycnus*
brevicauda Van Duzee, CNC No. 3430.
"♀"; Same data as above but labeled as
allotype.
Remarks: The above specimens were labeled as
holotype and allotype, but no holotype or
allotype was designated in the original
description.
- Synarthrus affinis*** Wheeler, 1899, Proc. Calif. Acad. Sci. ser.
3, 2: 38. USA.
Syntype: 1 ♂, CNC No. 345.
"♂"; Monterey Co., Cala. July 12/ PARATYPE
Syntormon affinis No. 345/ Cotype/ SYNTYPE
Synarthrus affinis Wheeler, CNC No. 345.
- Syntormon nubilum*** Van Duzee, 1933b, Am. Mus. Novit.
655: 3. CANADA.
Holotype ♀: Bradore Bay, 2.VIII.1930, W.J.
Brown/Que./HOLOTYPE *Syntormon nubilum*
Van Duzee, CNC No. 3681/ *Syntormon*
nubilum Holotype Van Duzee.
Paratype: 1 ♀, Quebec.

Remarks: The holotype was listed as being a male in
the original description, although it is a female
specimen. The above paratype specimen is
labeled as the female "allotype".

- Syntormon tricoloripes*** Curran, 1923e, Can. Ent. 55: 209.
CANADA.
Holotype ♂: Cranbrook, B.C., 12.V.1922, C.B.D.
Garrett/ HoloTYPE *Syntormon tricoloripes*
Curr., CNC No. 566.
Allotype ♀: Same data as holotype except
18.V.1922.
- Tachytrechus moechus*** Loew, 1861b, K. Realschule zu Meseritz
Prog. 1861: 40. USA.
Syntype: 1 ♀, CNC No. 2128.
"♀"; N. York/ Loew Coll./ PARATYPE
Tachytrechus moechus Loew, No. 2128/ Types
13031/ *Tachytrechus moechus* L./ SYNTYPE
Tachytrechus moechus Loew, CNC No. 2128.
Remarks: The above specimen has a red Museum of
Comparative Zoology type label, number 13031.
- Tachytrechus vorax*** Loew, 1861b, K. Realschule zu Meseritz
Prog. 1861: 41. USA.
Syntype: 1 ♀, CNC No. 2129.
"♀"; D.C./ Loew Coll./ PARATYPE
Tachytrechus vorax Loew, No. 2129/ Types
13032/ *Tachytrechus vorax* L./ SYNTYPE
Tachytrechus vorax Loew, CNC No. 2129.
Remarks: The above specimen has a red Museum of
Comparative Zoology type label, number 13032.
- Thinophilus russelli*** Curran, 1927e, Can. Ent. 59: 89.
CANADA.
Holotype ♂: Nyarling River, N.W.T., 4-VII-1926,
J. Russell/ *Thinophilus* HOLOTYPE *russelli* ♂
Curran, CNC No. 2419.
Allotype ♀: Same data as holotype except
11.VII.1926.
Paratypes: 4 ♀♀, Northwest Territories.
- Thinophilus spinipes*** Van Duzee, 1926a, Ann. ent. Soc. Am.
19: 46. CANADA.
Holotype ♂: Baldur, Man., N. Criddle, 23.VI.1924/
Thinophilus HOLOTYPE *spinipes* V.D. CNC
No. 1956/ *Thinophilus spinipes*, Holotype Van
Duzee.
Paratypes: 7 ♂♂, 7 ♀♀, Manitoba.
- Thinophilus variabilis*** Van Duzee, 1932a, Am. Mus. Novit.
521: 9. CANADA.
Holotype ♀: Natashquan, Que., 8.VIII.1929, W.J.
Brown/ HOLOTYPE *Thinophila varigata* [sic]
Van Duzee, CNC No. 3431/ *Thinophila varigata*
[sic] Holotype Van Duzee/ HOLOTYPE
Thinophilus variabilis Van Duzee CNC No.
Allotype ♂: Same data as holotype.
Paratypes: 2 ♀♀, Quebec.
Remarks: Van Duzee labeled all the specimens of the
type series with an unpublished manuscript

name. We have attached *Thinophilus variabilis* type labels to the holotype and the allotype.

Thrypticus dissectus Robinson, 1964, Misc. Publs ent. Soc. Am. 4: 118. USA.
Holotype ♂: Franklin, N.C., 2000', 10.VI.1957, J.R. Vockeroth/ HOLOTYPE *Thrypticus dissectus* Robinson, CNC No. 8880/ Holotype ♂ *Thrypticus dissectus* H. Robinson.

EMPIDIDAE

Allodromia longiseta Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1312. BRAZIL.
Holotype ♂: Nova Teutonia, 27°11'S, 52°23'W, Brazil, 300-500 m., X.1958, Fritz Plaumann/ ♂/ HOLOTYPE *Allodromia longiseta* Chillcott CNC No. 16305.
Paratypes: 2♂♂, 2♀♀, Brazil.
Remarks: The holotype and one female paratype have their terminalia dissected and stored in glass microvials that are pinned with their respective specimens.

Allodromia multisetosa Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1313. BRAZIL.
Holotype ♂: Nova Teutonia, 27°11'S, 52°23'W, Brazil, 300-500 m., IX.1963, Fritz Plaumann/ ♂/ HOLOTYPE *Allodromia multisetosa* Chillcott, CNC No. 16306.
Paratypes: 3♀♀, Brazil.
Remarks: The holotype and one paratype have their abdomens stored in glycerine in glass microvials that are pinned with their respective specimens.

Allodromia villosa Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1314. BRAZIL.
Holotype ♀: Nova Teutonia, 27°11'S, 52°23'W, Brazil, 300-500 m., XI.1962, Fritz Plaumann/ HOLOTYPE *Allodromia villosa* Chillcott CNC No. 16307.
Paratypes: 5♀♀, Brazil.

Anthalia mandalota Melander, 1928, Genera Insect. (1927) 185: 58. USA.
Syntypes: 2♂♂, 1♀, CNC No. 1460.
"2♂♂, 1♀"; Vashon Wash. May 28 1917 A.L. Melander/ PARATYPE *Anthalia mandalota* Melander, No. 1460/ SYNTYPE *Anthalia mandalota* Mel. CNC No. 1460.

Anthalia scutellaris Melander, 1928, Genera Insect. (1927) 185: 60. USA.
Syntypes: 1♂, 1♀, CNC No. 1461.
"♂"; Tacoma, Wash./ PARATYPE *Anthalia scutellaris* Melander No. 1461/ SYNTYPE *Anthalia scutellaris* Mel. CNC No. 1461.
"♀"; 14.IV.13, Seattle, Wash./ PARATYPE *Anthalia scutellaris* Melander, No. 1461/ SYNTYPE *Anthalia scutellaris* Mel. CNC No. 1461.

Anthepiscopus nuptus Melander, 1928, Genera Insect. (1927) 185: 106. USA.
Syntype: 1♂, CNC No. 1466.
"♂"; Tacoma, Wash./ PARATYPE *Anthepiscopus nuptus* Melander, No. 1466/ SYNTYPE *Anthepiscopus nuptus* Mel. CNC No. 1466.

Austrodromia blomae Teskey *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1301. MEXICO.
Holotype ♀: MEX. Chiapas, San Cristobal, 7000', 22 May, 1969, H.J. Teskey/ HOLOTYPE *Austrodromia blomae* Teskey, CNC No. 16298.

Austrodromia parfemorialis Teskey *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1302. ECUADOR.
Holotype ♂: Cerro Pelado, Carchi, ECUADOR, 25.VI.1965, 3200 m., L. Peña/ HOLOTYPE *Austrodromia parfemorialis* Teskey CNC No. 16302.
Paratypes: 5♂♂, 1♀, Ecuador.
Remarks: The holotype and female paratype have their abdomens stored in glycerine in glass microvials that are pinned with their respective specimens.

Austrodromia peruviana Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1302. PERU.
Holotype ♂: Avispas, Madre de Dios, PERU, 10-20.IX.1962, L. Peña, 400 m./ HOLOTYPE *Austrodromia peruviana* Chillcott, CNC No. 16299.
Paratype: 1♀, Peru.
Remarks: The abdomen of the holotype is stored in glycerine in a glass microvial that is pinned with the specimen.

Austrodromia rufiscuta Teskey *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1303. ECUADOR.
Holotype ♂: Cerro Chiles, 3200-3300 m., Carchi, ECUADOR, 26-27.VI.65, Peña/ *Austrodromia rufiscuta* Teskey, CNC No. 16300.
Paratype: 1♂, Ecuador.
Remarks: The abdomen of the holotype is stored in glycerine in a glass microvial that is pinned with the specimen.

Austrodromia umbonata Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1306. BRAZIL.
Holotype ♂: Nova Teutonia, 27°11'S, 52°23'W, Brazil, 300-500m., VIII.1961, Fritz Plaumann/ HOLOTYPE *Austrodromia umbonata* Chillcott, CNC No. 16301.
Paratype: 1♀, Brazil.
Remarks: The holotype and paratype have their abdomens stored in glycerine in glass microvials that are pinned with their respective specimens.

Bicellaria brevifurca Melander, 1928, Genera Insect. (1927) 185: 75. USA.
Syntypes: 3♂♂, CNC No. 1464.

"3♂♂"; Mt. Rainier, Wn. Paradise Park, August, 1917 A.L. Melander/ PARATYPE *Bicellaria brevifurca* Melander, No. 1464/ SYNTYPE *Bicellaria brevifurca* Mel. CNC No. 1464.

Bicellaria pectinata Melander, 1928, *Genera Insect.* (1927) 185: 76. USA.

Syntypes: 2♀♀, CNC No. 1463.
"♀"; Ilwaco, Wash., 12 July 22, A.L. Melander/ PARATYPE *Bicellaria pectinata* Melander No. 1463/ SYNTYPE *Bicellaria pectinata* Mel. CNC No. 1463.
"♀"; Ilwaco, Wash. July 1917, A.L. Melander/ PARATYPE *Bicellaria pectinata* Melander No. 1463/ SYNTYPE *Bicellaria pectinata* Mel. CNC No. 1463.

Chaetodromia macalpinei Chillcott *in* Chillcott & Teskey, 1983, *Can. Ent.* 115: 1310. MEXICO.

Holotype ♀: 10 mi. W. El Salto, Dgo. MEX., 9000', June 5, 1964, J.F. McAlpine/ HOLOTYPE *Chaetodromia macalpinei* Chillcott, CNC No. 16303.
Paratypes: 9♀♀, Mexico.

Chaetodromia masoni Chillcott *in* Chillcott & Teskey, 1983, *Can. Ent.* 115: 1307. MEXICO.

Holotype ♂: MEX., Dgo., 24 mi. W. La Ciudad, 7000', 28 June, 1964, W.R.M. Mason/ HOLOTYPE *Chaetodromia masoni* Chillcott, CNC No. 16304.
Paratypes: 1♂, 2♀♀, Mexico.
Remarks: The abdomen is missing from the holotype.

Chelifera vockerothi Vaillant & Chvála, 1973, *Steenstrupia* 3: 58. SPAIN.

Holotype ♂: N. slope Mt. Veleta, 2300-2500m 22.VII.1960 J.R. Vockeroth/ HOLOTYPE *Chelifera vockerothi* Vaillant & Chvála CNC No. 21240.
Remarks: Although the original description states the holotype is deposited in the CNC, it is still in the collection of F. Vaillant. Data pertaining to the above specimen were taken from the original description.

Clinocera simplex Loew, 1862, *Berl. ent. Z.* 6: 207. CANADA.

Syntype: 1♀, CNC No. 2103
"♀"; H.B.T./ Loew Coll./ simplex/ *Clinocera simplex* L./ PARATYPE *Clinocera simplex* Loew, No. 2103/ Type 1181/ SYNTYPE *Clinocera simplex* Loew, CNC No. 2103.
Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 1181.

Cyrtoma halteralis Loew, 1862, *Berl. ent. Z.* 6: 206. USA.
Syntype: 1♂, CNC No. 2101.

"♂"; D.C./ Loew/ *Cyrtoma halteralis* L./ PARATYPE *Cyrtoma halteralis* Loew, No. 2101/ Type 13078/ SYNTYPE *Cyrtoma halteralis* Loew, CNC No. 2101.

Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 13078.

Empis browni Curran, 1931b, *Can. Ent.* 63: 93. CANADA.

Holotype ♂: Harrington Harb., Que., 2.VII.1929, W.J. Brown/ HOLOTYPE *Empis browni* Curran, CNC No. 3408/ *Empis* TYPE *browni* ♂ Curran.
Allotype ♀: Same data as holotype.
Paratypes: 8♂♂, 3♀♀, Quebec.

Empis deterra Walley, 1927, *Can. Ent.* 59: 96. CANADA.

Holotype ♂: Niagara Glen, Ont., 24.VI.1926, G.S. Walley/ HOLOTYPE ♂ *Empis deterra* Walley, CNC No. 2448.
Allotype ♀: Same data as holotype except 9.VI.1926.
Paratypes: 6♂♂, 7♀♀, Ontario.

Empis (Xanthempis) nevadensis Chvála, 1981, *Steenstrupia* 7: 115. SPAIN.

Holotype ♂: N. slope Veleta, Sierra Nevada, SPAIN, 2400 m./ 27.VII.1960, J.R. Vockeroth/ HOLOTYPE *Empis (Xanthempis) nevadensis* Chvála, CNC No. 18710/ *Holotypus Empis (Xanthempis) nevadensis* ♂ Chvála.
Paratypes: 3♂♂, 5♀♀, Spain.

Euhybos sordipes Melander, 1928, *Genera Insect.* (1927) 185: 28. CANADA.

Holotype ♂: Mer Bleue, Ottawa, 11.VII.1923, F. IDE/ HOLOTYPE *Euhybos sordipes* Mel., CNC No. 1481/ TYPE ♂ *Euhybos sordipes* Mel.
Allotype ♀: Same data as holotype.
Remarks: The original description gives the collection month as August, however the labels on the type specimens indicate they were collected in July.

Euthyneura spinipes Melander, 1928, *Genera Insect.* (1927) 185: 54. USA.

Syntypes: 2♂♂, 1♀, CNC No. 1458.
"2♂♂, 1♀"; Moscow, ID, 5 Jul 1919, A.L. Melander/ PARATYPE *Euthyneura spinipes* Melander, No. 1458/ SYNTYPE *Euthyneura spinipes* Mel. CNC No. 1458.

Hemerodromia empiformis coleophora Melander, 1928, *Genera Insect.* (1927) 185: 256. USA.

Syntypes: 1♂, 1♀, CNC No. 1477.
"♂"; Madison Riv. Yellowst Park, Riverside 4 Aug. 1918 Melander/ Paratype *Hemerodromia coleophora*, Mel./ PARATYPE *Hemerodromia coleophora*, Melander No. 1477/ SYNTYPE *Hemerodromia coleophora* Melander, CNC No. 1477.

"♀"; Yellowst Park, Riverside, 4 Aug. 1918, A.R. Melander/ Paratype Hemerodromia coleophora Mel./ PARATYPE Hemerodromia coleophora Melander No. 1477/ SYNTYPE Hemerodromia coleophora Melander CNC No. 1477.

Hemerodromia scapularis Loew, 1862, Berl. ent. Z. 6: 209. USA.

Syntype: 1♂, CNC No. 2102.
"♂"; Penn./ Loew Coll./ scapularis/ Type 1643/ Neoplasta scapularis/ PARATYPE Neoplasta scapularis No. 2102/ Loew/ SYNTYPE Hemerodromia scapularis Loew CNC No. 2102.
Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 1643.

Hilara auripila Curran, 1926f, Can. Ent. 58: 247. CANADA.

Holotype ♂: Banff, Alta., 5.VII.1922, C.B.D. Garrett/ HOLOTYPE Hilara auripila Curr., CNC No. 539.
Paratypes: 2♂♂, Alberta.

Hilara cavernicola Melander, 1945, Psyche 52: 86. USA.

Syntype: 1♂, CNC No. 18704.
"♂"; Lake Chelan, Lucerne, WN. 29 July 19, A.L. Melander/ PARATYPE cavernicola/ SYNTYPE Hilara cavernicola Mel. CNC No. 18704.

Hilara crickmayi Curran, 1926f, Can. Ent. 58: 246. CANADA.

Holotype ♂: Fort Wrigley, McKenzie River, 25.VII.1922, C.H. Crickmay/ HOLOTYPE Hilara crickmayi Curr., CNC No. 535.
Paratype: 1♂, Northwest Territories.

Hilara garretti Curran, 1926f, Can. Ent. 58: 248. CANADA.

Holotype ♂: Banff, Alta., 23.VII.1922, C.B.D. Garrett/ HOLOTYPE Hilara garretti Curr., CNC No. 536.
Allotype ♀: Same data as holotype except 5.VI.1922.
Paratype: 1♂, Alberta.

Hilara granditarsis Curran, 1926f, Can. Ent. 58: 248.

CANADA.
Holotype ♂: Banff, Alta., 13.VIII.1924, Eric Hearle/ Hilara HOLOTYPE granditarsis Curran, CNC No. 540.
Paratypes: 3♂♂, Alberta.

Hilara nearctica Shewell, 1955, Can. Ent. 87: 45. CANADA.

Holotype ♂: Chesterfield, N.W.T., 25.VII.1950, J.G. Chillcott/ HOLOTYPE Hilara nearctica Shew., CNC No. 6169.
Allotype ♀: Wager Bay, 65.15N, 88.00W, N.W.T., 22.VII.1950, J.G. Chillcott/ ALLOTYPE Hilara nearctica Shew., CNC No. 6169.
Paratypes: 1♀, Northwest Territories.

Hilara rufopuncta Curran, 1926f, Can. Ent. 58: 245.

CANADA.
Holotype ♂: Banff, Alta., 1916, N.B. Sanson/ Hilara HOLOTYPE rufopuncta Curran, CNC No. 537.
Paratypes: 4♂♂, Alberta.

Hilara veletica Chvála, 1981, Steenstrupia 7: 133. SPAIN.

Holotype ♂: N. slope Veleta, Sierra Nevada, SPAIN 2300-2550 m./ 22.VII.1960, J.R. Vockeroth/ HOLOTYPE Hilara veletica Chvála, CNC No. 18707/ Holotypus Hilara veletica ♂ Chvála.
Paratypes: 6♂♂, 9♀♀, Spain.

Hilara velutina Loew, 1862, Berl. ent. Z. 6: 203. USA.

Syntype: 1♂, CNC No. 2104.
"♂"; D.C./ Loew/ velutina/ Hilara velutina L./ PARATYPE Hilara velutina Loew, No. 2104/ Type 1660/ SYNTYPE Hilara velutina Loew, CNC No. 2104.
Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 1660.

Hormopeza brevicornis Loew, 1864b, Berl. ent. Z. 8: 83.

CANADA.
Syntype: 1♀, CNC No. 2105.
"♀"; R.A./ Loew/ 199/ brevicornis/ Hormopeza brevicornis L./ PARATYPE Hormopeza brevicornis Loew No. 2105/ Type 1642/ SYNTYPE Hormopeza brevicornis Loew, CNC No. 2105.
Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 1642.

Iteaphila cana Melander, 1946a, Bull. Brooklyn ent. Soc. 41: 33. CANADA.

Syntype: 1♀, CNC No. 5903.
"♀"; Edmonton, Alta., 26.IV.1921, E.H. Strickland/ Nr Regas/ PARATYPE cana/ Iteaphila cana sp.n. Mel./ PARATYPE Iteaphila cana Mel. No. 5903/ SYNTYPE Iteaphila cana Mel. CNC No. 5903.

Iteaphila curva Curran, 1925c, Can. Ent. 57: 24. CANADA.

Holotype ♂: Nain Labr., 15.VI.1922 Waugh/ HOLOTYPE Iteaphila curva Curr., CNC No. 1279.
Remarks: The published CNC No. 708 is incorrect. The correct number is 1279.

Megagrapha platytarsis Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1296. CANADA.

Holotype ♂: Rockport, Ont., 24.VII.1963, J.R. Vockeroth/ HOLOTYPE Megagrapha platytarsis Chillcott, CNC No. 16297.
Paratypes: 2♀♀, Quebec; 3♀♀, Ontario; 3♀♀ North Carolina (USA).
Remarks: The holotype has its terminalia dissected and stored in a glass microvial that is pinned with the specimen.

- Micrempis anatolica*** Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1317. CANADA.
Holotype ♀: Ottawa, Ont., 4.VII.1964, J.R. Vockeroth/ HOLOTYPE *Micrempis anatolica* Chillcott, CNC No. 16309.
Paratypes: 2♀, Ontario.
- Micrempis arnasoni*** Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1317. CANADA.
Holotype ♂: Saskatoon, Sask., July 12, 1940 A.P. Arnason/ D667 '41/ HOLOTYPE *Micrempis arnasoni* Chillcott, CNC No. 16310.
Paratypes: 1♂, Saskatchewan; 1♀, Alberta.
Remarks: The abdomen of the holotype is stored in glycerine in a glass microvial that is pinned with the specimen.
- Micrempis bomboxynon*** Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1318. CANADA.
Holotype ♂: Sturgis, Sask., 51°56', 102°32', 1.VII.1955, J.R. Vockeroth/ In nest of *Bombus ternarius* Say/ HOLOTYPE *Micrempis bomboxynon* Chillcott, CNC No. 16311.
Paratypes: 8♀, Manitoba; 3♂, 5♀, Saskatchewan; 3♀, Alberta; 1♀, British Columbia.
- Micrempis brasiliensis*** Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1318. BRAZIL.
Holotype ♀: Nova Teutonia, 27°11'S, 52°23'W, Brazil, 300-500 m., XI.1959, Fritz Plaumann/ ♀/ HOLOTYPE *Micrempis brasiliensis* Chillcott, CNC No. 16312.
Paratypes: 2♀, Brazil.
Remarks: The abdomen of the holotype is stored in glycerine in a glass microvial that is pinned with the specimen.
- Micrempis carpofusca*** Teskey *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1319. ECUADOR.
Holotype ♂: Cerro Pelado, Carchi, ECUADOR, 25.VI.1965, 3200 m., L. Peña/ HOLOTYPE *Micrempis carpofusca* Teskey, CNC No. 16313.
Paratypes: 1♂, 5♀, Ecuador.
Remarks: The holotype and one female paratype have their abdomens stored in glycerine in glass microvials that are pinned with their respective specimens.
- Micrempis flava*** Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1321. USA.
Holotype ♀: Key Largo, Fla., 31-III-1952, J.R. Vockeroth/ HOLOTYPE *Micrempis flava* Chillcott, CNC No. 16315.
- Micrempis flavicrus*** Teskey *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1321. ECUADOR.
Holotype ♀: Tandapi, 40 km. SW. Quito, 1300-1500 m. ECUADOR, 15-21.VI.65, Peña/ HOLOTYPE *Micrempis flavicrus* Teskey, CNC No. 16316.
- Micrempis mexicana*** Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1322. MEXICO.
Holotype ♂: Toluca, 10 Mi. E., 8900' Mexico, Mex., 31-VII-1954, J.G. Chillcott/ HOLOTYPE *Micrempis mexicana* Chillcott, CNC No. 16318.
Paratypes: 7♂, 7♀, Mexico.
Remarks: The holotype and a male and female paratype have their terminalia stored in glycerine in glass microvials that are pinned with their respective specimens.
- Micrempis millepalmae*** Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1322. USA.
Holotype ♂: Thousand Palms, Cal., 3.IV.1955, W.R.M. Mason/ HOLOTYPE *Micrempis millepalmae* Chillcott, CNC No. 16319.
Paratypes: 1♂, 4♀, California.
Remarks: The holotype and one female paratype have their abdomens stored in glycerine in glass microvials that are pinned with their respective specimens.
- Micrempis mimica*** Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1323. MEXICO.
Holotype ♂: MEX. Sin. 15 mi. W. El Palmito, 5000', 3 Aug. 1964, W.R.M. Mason/ HOLOTYPE *Micrempis mimica* Chillcott, CNC No. 16320.
Remarks: The abdomen of the holotype is stored in glycerine in a glass microvial that is pinned with the specimen.
- Micrempis nitidigena*** Teskey *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1324. ECUADOR.
Holotype ♂: Taguando R., NW. Ibarra, ECUADOR, 1650-1900 m., 9.VI.65, L. Peña/ HOLOTYPE *Micrempis nitidigena* Teskey, CNC No. 16321.
Paratype: 1♂, Ecuador.
Remarks: The abdomen of the holotype is stored in glycerine in a glass microvial that is pinned with the specimen.
- Micrempis oculiseta*** Teskey *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1325. BRAZIL.
Holotype ♂: Nova Teutonia, 27°11'S, 52°23'W, Brazil, 300-500 m. VII.1966, Fritz Plaumann/ ♂/ HOLOTYPE *Micrempis oculiseta* Teskey, CNC No. 16322.
Paratypes: 1♂, 1♀, Brazil.
Remarks: The holotype and female paratype have their abdomens stored in glycerine in glass microvials that are pinned with their respective specimens.
- Micrempis plaumanni*** Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1326. BRAZIL.
Holotype ♂: Nova Teutonia, 27°11'S, 52°23'W, Brazil, 300-500 m. XI-1958, Fritz Plaumann/ HOLOTYPE *Micrempis plaumanni* Chillcott, CNC No. 16323.

- Micrempis richardsi*** Chillcott *in* Chillcott & Teskey, 1983, Can. Ent. 115: 1327. USA.
 Holotype ♂: Willis Palms Oasis, Thousand Palms, Cal., 3.IV.1955, W.R. Richards/ HOLOTYPE *Micrempis richardsi* Chillcott, CNC No. 16324.
 Paratypes: 3♂♂, 12♀♀, California.
 Remarks: The holotype and a female and two male paratypes have their abdomens stored in glycerine in glass microvials that are pinned with their respective specimens.
- Oedalea lanceolata*** var. *testacea* Melander, 1928, Genera Insect. (1927) 185: 64. USA.
 Syntype: 1♀, CNC No. 1482.
 "♀"; Mt. Rainier, Tahoma Park, 25 July 22 A.L. Melander/ PARATYPE *Oedalea testacea* Mel. No. 1482/ SYNTYPE *Oedalea lanceolata* var. *testacea* Mel. CNC No. 1482.
- Oreogeton capnopterus*** Melander, 1928, Genera Insect. (1927) 185: 99. USA.
 Syntype: 1♂, CNC No. 1470.
 "♂"; Banff, Alta. 12.VII.1922, C.B.D. Garrett/ PARATYPE *Oreogeton capnopterus* Mel./ PARATYPE *Oreogeton capnopterus* Melander, No. 1470/ SYNTYPE *Oreogeton capnopterus* Mel. CNC No. 1470.
- Oreothalia chillcotti*** Wilder, 1981, Proc. ent. Soc. Wash. 83: 470. USA.
 Holotype ♂: Summit L., 12800', Mt Evans, COLO., July 24, 1961, W.R.M. Mason/ WING SLIDE NUMBER OREO-7 D.D. Wilder/ HOLOTYPE *Oreothalia chillcotti* Wilder, CNC No. 19162/ HOLOTYPE *Oreothalia chillcotti* Wilder, det. D. Wilder 1980.
 Allotype ♀: Mt. Evans, COLO., Wet Meadow 13200', 4.VIII.1961, J.G. Chillcott/ ALLOTYPE *Oreothalia chillcotti* Wilder, CNC No. 19162/ ALLOTYPE *Oreothalia chillcotti* Wilder, det. D. Wilder 1980.
 Paratype: 1♀, Colorado.
 Remarks: The holotype has its left wing mounted on microscope slide number OREO-7, which is not in the CNC. The holotype has its terminalia dissected and stored in a plastic microvial that is pinned with the specimen.
- Platypalpus achlytarsis*** Chillcott, 1962, Can. Ent. 94: 124. CANADA.
 Holotype ♂: Aklavik, N.W.T., 2-VII-1956, R.E. Leech/ HOLOTYPE ♂ *Platypalpus achlytarsis* [sic] Chillcott, CNC No. 7336.
 Allotype ♀: Hebron Lab., 5-VIII-1954, E.E. Sterns/ ALLOTYPE ♀ *Platypalpus achlytarsis* [sic] Chillcott, CNC No. 7336.
 Paratypes: 1♂, Quebec; 1♀, Manitoba; 2♀♀, Labrador; 1♀, Yukon Territory; 2♂♂, Northwest Territories.
- Platypalpus anaticus*** Chillcott, 1962, Can. Ent. 94: 132. CANADA.
 Holotype ♂: Payne Bay, Que., 8.VII.1958, W.R.M. Mason/ HOLOTYPE ♂ *Platypalpus anaticus* Chillcott, CNC No. 7338.
 Allotype ♀: Same data as holotype.
 Paratypes: 30♂♂, 31♀♀, Quebec; 14♂♂, 7♀♀, Labrador; 5♂♂, 4♀♀, New Hampshire (USA).
 Remarks: There are four additional specimens labeled as paratypes, but they are from localities not mentioned in the original description.
- Platypalpus carectorum*** Chillcott, 1962, Can. Ent. 94: 134. CANADA.
 Holotype ♂: Muskox L., N.W.T., 64°45'N, 108°10'W, 20.VII.1953, J.G. Chillcott/ Ecological data C-j/ 4/ HOLOTYPE ♂ *Platypalpus carectorum* Chillcott, CNC No. 7340.
 Allotype ♀: Same data as holotype except Ecological data j, 30.VII.1953.
 Paratypes: 3♂♂, 1♀, Northwest Territories.
- Platypalpus chillcotti*** Chvála, 1981, Steenstrupia 7: 162. SPAIN.
 Holotype ♂: Sierra Nevada Highway, SPAIN, 1650 m./ 27.VII.1960, J.R. Vockeroth/ Holotype/ HOLOTYPE *Platypalpus chillcotti* Chvála, CNC No. 19186/ *Platypalpus chillcotti* sp.n. ♂, det. M. Chvála, 1977.
 Paratypes: 1♂, 5♀♀, Spain.
 Remarks: The abdomens of the holotype and male paratype are stored in glycerine in glass microvials that are pinned with their respective specimens.
- Platypalpus churchillensis*** Chillcott, 1962, Can. Ent. 94: 136. CANADA.
 Holotype ♂: Churchill, Man., 8.VI.1952, J.G. Chillcott/ Ecological data T-C 4/ HOLOTYPE ♂ *Platypalpus churchillensis* Chillcott, CNC No. 7342.
 Allotype ♀: Same data as holotype except Ecological data T-C 3-1, 12.VII.1952.
 Paratypes: 6♂♂, 7♀♀, Manitoba.
- Platypalpus granadensis*** Chvála, 1981, Steenstrupia 7: 147. SPAIN.
 Holotype ♀: Granada, SPAIN, 700m. 14.VII.60, J.R. Vockeroth/ HOLOTYPE *Platypalpus granadensis* Chvála, CNC No. 19187/ Holotypus *Platypalpus granadensis* ♀, Chvála, 1978/ *Platypalpus granadensis* Chv., ♀, det. M. Chvála, 1977.
- Platypalpus harpestylis*** Chillcott, 1962, Can. Ent. 94: 135. CANADA.
 Holotype ♂: Salmita Mines, 64°05'N, 111°15'W, N.W.T., 4.VII.1953, J.G. Chillcott/ Ecological data W-b/ HOLOTYPE ♂ *Platypalpus harpestylis* Chillcott, CNC No. 7341.

Allotype ♀: Same data as holotype except Ecological data d.

Paratypes: 4♀♀, Manitoba; 3♀♀, Yukon Territory; 6♂♂, 21♀♀, Northwest Territories.

Remarks: There is one additional specimen labeled as a paratype, but it is from a locality not mentioned in the original description.

Platypalpus manni Chillcott, 1962, Can. Ent. 94: 142.
CANADA.

Holotype ♂: Terrace, B.C., 11.VIII.1960, W.R. Richards/ Holotype ♂ *Platypalpus manni* Chillcott, CNC No. 7523.

Allotype ♀: Base of Mt. Thornhill, nr. Terrace, B.C., 8.VIII.60, C.H. Mann/ ALLOTYPE ♀ *Platypalpus manni* Chillcott, CNC No. 7523.

Paratypes: 2♂♂, British Columbia.

Platypalpus masoni Chillcott, 1962, Can. Ent. 94: 121.
CANADA.

Holotype ♂: Kellsall L., B.C., 18.VII.1948, W.R. Mason/ 17/ HOLOTYPE *Platypalpus masoni* Chillcott, CNC No. 7334.

Allotype ♀: Same data as holotype.

Paratypes: 2♂♂, 2♀♀, British Columbia.

Platypalpus murphyi Chillcott, 1962, Can. Ent. 94: 133.
CANADA.

Holotype ♂: Muskox L., N.W.T., 64°45'N, 108°10'W, 12-VII-1953, J.G. Chillcott/ Ecological data g/ HOLOTYPE ♂ *Platypalpus murphyi* Chillcott, CNC No. 7339.

Allotype ♀: Same data as holotype except Ecological data 6, 31-VII-1953.

Paratypes: 2♂♂, 12♀♀, Northwest Territories.

Platypalpus palustris Chillcott, 1962, Can. Ent. 94: 137.
CANADA.

Holotype ♂: Firth River, Y.T., 17.VII.1956, E.F. Cashman/ HOLOTYPE ♂ *Platypalpus palustris* Chillcott, CNC No. 7343.

Allotype ♀: Same data as holotype.

Paratypes: 2♂♂, 6♀♀, Yukon Territory; 4♂♂, 2♀♀, Northwest Territories.

Platypalpus peneporsus Chillcott, 1962, Can. Ent. 94: 130.
USA.

Holotype ♂: On tundra, Naknek, Alaska, 7-VII-1952, J.B. Hartley/ HOLOTYPE ♂ *Platypalpus peneporsus* Chillcott, CNC No. 7337.

Allotype ♀: Same data as holotype except 8-VII-1952, W.R. Mason.

Paratypes: 2♂♂, Alaska; 1♂, British Columbia (Canada); 1♀, Yukon Territory (Canada).

Platypalpus richardsi Chillcott, 1962, Can. Ent. 94: 139.
CANADA.

Holotype ♂: Indian House L., Que., 4-VIII-1954, W.R. Richards/ HOLOTYPE ♂ *Platypalpus richardsi* Chillcott, CNC No. 7344.

Allotype ♀: Indian House L., Que., 27-VII-1954, R. Coyles/ ALLOTYPE *Platypalpus richardsi* Chillcott, CNC No. 7344.

Paratypes: 7♂♂, 10♀♀, Quebec; 2♀♀, Labrador; 1♀, New Hampshire (USA).

Platypalpus truncatus Chillcott, 1962, Can. Ent. 94: 122.
CANADA.

Remarks: There should be a holotype, allotype and 12 paratypes deposited in the CNC. However, only one ♂ paratype from Alberta, CNC No. 7335, exists in the CNC at this time.

Platypalpus vittatus var. *perimerus* Melander, 1928, Genera Insect. (1927) 185: 334. CANADA.

Syntypes: 2♂♂, 1♀, CNC No. 1471.

"2♂♂, 1♀"; Chin. Alta. June 1923, W. Carter/ Alfalfa leaves/ 12/ COTYPE P. *vittatus* var. *perimerus* Mel./ PARATYPE *Platypalpus perimerus* Melander No. 1471/ SYNTYPE *Platypalpus vittatus* var. *perimerus* Mel. CNC No. 1471.

Platypalpus vockerothi Chvála, 1981, Steenstrupia 7: 160.
SPAIN.

Holotype ♂: Sierra Nevada Highway, SPAIN, 1650 m./ 27.VII.1960, J.R. Vockeroth/ Holotype/ HOLOTYPE *Platypalpus vockerothi* Chvála, CNC No. 19185/ *Platypalpus vockerothi* sp.n. ♂, det. M. Chvála, 1977.

Paratypes: 1♂, 11♀♀, Spain.

Remarks: According to the label the date for the holotype is 27.VII.1960 and not 27.VI.1960 as published.

Proclinopyga fistulator Melander, 1928, Genera Insect. (1927) 185: 222. CANADA.

Holotype ♂: Megantic, Que., 18.VI.1923, C.H. Curran/ HOLOTYPE *Proclinopyga fistulator* Melander, CNC No. 1465.

Rhamphomyia (Pararhamphomyia) ambocnema Chillcott, 1959, Can. Ent. 91: 267. CANADA.

Holotype ♂: 5 mi. SW Shilo, Man., 28.V.1958, J.F. McAlpine/ HOLOTYPE *Rhamphomyia (Pararhamphomyia) ambocnema* Chillcott, CNC No. 6704.

Allotype ♀: Same data as holotype.

Paratypes: 3♂♂, 1♀, Quebec; 3♂♂, 2♀♀, Manitoba; 1♂, New York (USA).

Rhamphomyia (Pararhamphomyia) arctotibia Chillcott, 1959, Can. Ent. 91: 271. CANADA.

Holotype ♂: Aylmer, Que., 16.V.1924, C.H. Curran/ HOLOTYPE *Rhamphomyia (Pararhamphomyia) arctotibia* Chillcott, CNC No. 6706.

Allotype ♀: Low Bush, Ont., Lake Abitibi, VI-2-1925, N.K. Bigelow/ Allotype *Rhamphomyia (Pararhamphomyia) arctotibia* Chillcott, CNC No. 6706.

- Paratype: 1 ♀, Quebec.
- Rhamphomyia bigelowi*** Walley, 1927, Can. Ent. 59: 97.
CANADA.
Holotype ♂: Low Bush, Ont., Lake Abitibi,
VII-27-1925, N.K. Bigelow/ HOLOTYPE ♂
Rhamphomyia bigelowi Walley, CNC No.
2447.
Allotype ♀: Same data as holotype except
23.VII.1925.
Paratypes: 31 ♂♂, 34 ♀♀, Ontario.
- Rhamphomyia conservativa*** Malloch, 1919, Report of the
Canadian Arctic Expedition. 3: 48. CANADA.
Holotype ♂: W. of BERNARD Isl., N.W.T./ F.
Johansen Coll/ Canadian Arctic Expedition July
14, 1916/ HOLOTYPE *Rhamphomyia*
conservativa Mall., CNC No. 219/
Rhamphomyia conservativa Mall., type.
Paratypes: 2 ♀♀, Northwest Territories.
- Rhamphomyia erinacioides*** Malloch, 1919, Report of the
Canadian Arctic Expedition. 3: 45. USA.
Holotype ♂: W. of Kongengevik, Camdin Bay,
Alaska, July 4/ Canadian Arctic Expedition F.J.
1914/ HOLOTYPE *Rhamphomyia erinacioides*
Mall., CNC No. 215/ *Rhamphomyia*
erinacioides Mall., type.
Paratype: 1 ♂, Alaska.
- Rhamphomyia ethellia*** Curran, 1933, Am. Mus. Novit. 673: 4.
CANADA.
Holotype ♂: Thunder Riv., Que., 16.VI.1930, W.J.
Brown/ HOLOTYPE *Rhamphomyia ethellia*
Curran, CNC No. 3767/ *Rhamphomyia* TYPE
ethellia ♂ Curran.
Remarks: The apical portion of the right wing is
missing from the holotype.
- Rhamphomyia (Pararhamphomyia) falcipedia*** Chillcott, 1959,
Can. Ent. 91: 268. CANADA.
Holotype ♂: Aylmer, Que., 28.V.1924, C.H.
Curran/ HOLOTYPE *Rhamphomyia*
(*Pararhamphomyia*) *falcipedia* Chillcott, CNC
No. 6705.
Remarks: The head is missing from the holotype.
- Rhamphomyia herschelli*** Malloch, 1919, Report of the
Canadian Arctic Expedition. 3: 47. CANADA.
Holotype ♀: Herschell [sic] Isl., N.W.T./ F.
Johansen Coll/ Canadian Arctic Expedition July
29, 1916/ HOLOTYPE *Rhamphomyia*
herschelli Mall., CNC No. 218/ *Rhamphomyia*
herschelli Mall., type.
Paratype: 1 ♀, Northwest Territories.
- Rhamphomyia (Pararhamphomyia) hypsela*** Chillcott, 1959,
Can. Ent. 91: 272. MEXICO.
Holotype ♂: W. Side Cortes Pass, 9500', Mexico,
Mexico, 13-VIII-1954, J.G. Chillcott/
HOLOTYPE *Rhamphomyia (Pararhamphomyia)*
hypsela Chillcott, CNC No. 6707.
Allotype ♀: Same data as holotype collected at
1100'.
Paratype: 1 ♂, Mexico.
- Rhamphomyia (Pararhamphomyia) jubata*** Chillcott, 1959, Can.
Ent. 91: 266. CANADA.
Holotype ♂: Parke Reserve, Kam. Co., Que.,
5.VII.1957, G.E. Shewell/ HOLOTYPE
Rhamphomyia (Pararhamphomyia) jubata
Chillcott, CNC No. 6703/ At light.
Allotype ♀: Same data as holotype.
Paratypes: 2 ♂♂, 1 ♀, Quebec.
- Rhamphomyia nana*** Loew, 1861a, Berl. ent. Z. 5: 341. USA.
Syntype: 1 ♂, CNC No. 2099.
"♂"; Md./ Loew/ PARATYPE *Rhamphomyia*
nana Loew, No. 2099/ Type 1125/
Rhamphomyia nana L./ SYNTYPE
Rhamphomyia nana Loew, CNC No. 2099.
Remarks: The above specimen has a red Museum of
Comparative Zoology type label, number 1125,
and the abdomen is missing.
- Rhamphomyia novecarolina*** Beutenmüller, 1913, Insecutor
Inscit. menstr. 1: 130. USA.
Syntypes: 2 ♂♂, CNC No. 19171.
"♂"; Black Mts., N.C. VI.20.1912,
Beutenmüller/ SYNTYPE *Rhamphomyia*
novecarolina, No. Beutenmüller/ SYNTYPE
Rhamphomyia novecarolina Beutenmüller, CNC
No. 19171.
"♂"; Black Mts., N.C. VI.20.1912,
Beutenmüller/ glass microvial/ R. *novecarolina*
Beut./ SYNTYPE *Rhamphomyia novecarolina*
No. Beutenmüller/ SYNTYPE *Rhamphomyia*
novecarolina Beutenmüller, CNC No. 19171.
- Rhamphomyia (Pararhamphomyia) prava*** Chillcott, 1959, Can.
Ent. 91: 266. CANADA.
Holotype ♂: Lac Mondor, Ste. Fore, P.Q.,
27-V-1951, E.G. Munroe/ HOLOTYPE
Rhamphomyia (Pararhamphomyia) prava
Chillcott, CNC No. 6702.
Paratype: 1 ♂, New Hampshire (USA).
- Rhamphomyia similata*** Malloch, 1919, Report of the Canadian
Arctic Expedition. 3: 46. CANADA.
Holotype ♂: Bernard Harbour, N.W.T., July 18-19/
Canadian Arctic Expedition F.J. 1915/
HOLOTYPE *Rhamphomyia similata* Mall.,
CNC No. 217/ *Rhamphomyia similata* Mall.,
type.
Remarks: There is an additional specimen labeled as
the allotype, however no allotype was
designated in the original description.
- Rhamphomyia (Pararhamphomyia) tolucensis*** Chillcott, 1959,
Can. Ent. 91: 273. MEXICO.

Holotype ♂: Toluca, 10 mi. E., 8900' Mexico, Mex., 31-VII-1954, J.G. Chillcott/ HOLOTYPE Rhamphomyia (Pararhamphomyia) toluensis Chillcott, CNC No. 6708.
Allotype ♀: Same data as holotype.

Rhamphomyia ursina Malloch, 1919, Report of the Canadian Arctic Expedition. 3: 46. CANADA.
Holotype ♂: Canadian Arctic Expedition F.J. 1915/ Sandy Beach, July, 19/ HOLOTYPE Rhamphomyia ursina Mall., CNC No. 216/ Rhamphomyia ursina Mall., type.
Remarks: There are 2 additional specimens, one labeled as the allotype, the second as a paratype, but neither was mentioned in the original description. The holotype has the left wing missing. The name *R. ursina* was preoccupied by Oldenberg, 1915, p. 91; the new name for *R. ursina* Malloch is *R. ursinella* Melander (1928, p. 209).

Rhamphomyia (Pararhamphomyia) versicolor Chillcott, 1959, Can. Ent. 91: 269. CANADA.
Holotype ♂: Lac Mondor, Ste. Flore, P.Q., 21.V.1951, E.G. Munroe/ HOLOTYPE Rhamphomyia (Pararhamphomyia) versicolor Chillcott, CNC No. 6835.
Allotype ♀: Same data as holotype except 18.V.1951.
Paratypes: 1♂, Quebec; 1♀, Ontario; 1♂, New York (USA).

Roederiodes petersoni Chillcott, 1966, Can. Ent. 98: 315. USA.
Holotype ♂: Kimball Creek, Snyderville, Summit Co., Utah, 15.VIII.1954 B.V. Peterson, CNC No. 8757.
Remarks: There should be a holotype, allotype and 27 paratypes all collected from Utah, CNC No. 8757, deposited in the CNC. However only 4♂♂ and 5♀♀ specimens of the type series can now be located, none of which are labeled as types. Four ♂♂ and 1♀ are from the type locality whereas the remaining 4♀♀ are from S. Redwood Road, Salt Lake City, Utah. The above data for the holotype were taken from the original description.

Roederiodes recurvata Chillcott, 1961a, Can. Ent. 93: 424. CANADA.
Holotype ♂: Old Chelsea, Que., 3.X.1956, J.R. Vockeroth/ HOLOTYPE Roederiodes recurvata Chillcott, CNC No. 7186.
Allotype ♀: Same data as holotype except 26.IX.1955.
Paratypes: 3♂♂, 11♀♀, Quebec; 3♂♂, 2♀♀, Ontario; 1♂, Maine (USA).

Roederiodes vockerothi Chillcott, 1961a, Can. Ent. 93: 424. USA.

Holotype ♂: Gainesville, Fla., 21.IV.1952, J.R. Vockeroth/ HOLOTYPE Roederiodes vockerothi Chillcott, CNC No. 7185.
Remarks: The holotype has its terminalia dissected and stored in a glass microvial that is pinned with the specimen.

Stilpon pauciseta Melander, 1928, Genera Insect. (1927) 185: 304. USA.
Syntype: 1♂, CNC No. 19174.
"♂"; Dorchester Co. nr Lloyds, Md. Jul 10, 07/ H.S. Barber Collector/ PARATYPE Stilpon pauciseta Mel./ A.L. Melander Collection 1961/ SYNTYPE Stilpon pauciseta Mel. CNC No. 19174/ FLAHEY illustrated.

Symbalophthalmus masoni Chillcott, 1958, Can. Ent. 90: 647. CANADA.
Holotype ♂: Blackburn, Ont., 12.VII.1954/ W.R.M. Mason/ HOLOTYPE Symbalophthalmus masoni Chillcott, CNC No. 6688.
Allotype ♀: Blackburn, Ont., 27.VI.1955/ Mer Bleue, W.R.M. Mason/ ALLOTYPES Symbalophthalmus masoni Chillcott, CNC No. 6688.
Paratypes: 1♂, 1♀, Ontario.

Syndyas austropolita Teskey & Chillcott, 1977, Can. Ent. 109: 1453. USA.
Holotype ♂: Orange Pk., Fla., 25-III-1952, J.R. Vockeroth/ HOLOTYPE Syndyas austropolita Teskey & Chillcott, CNC No. 8914.
Allotype ♀: Same data as holotype.
Paratypes: 3♂, 6♀♀, Florida; 1♂, 2♀♀, North Carolina.
Remarks: One paratype has the right hind leg mounted on a microscope slide.

Syndyas merbleuensis Teskey & Chillcott, 1977, Can. Ent. 109: 1450. CANADA.
Holotype ♂: Mer Bleu[e], 5 mi. E. Ottawa, Ontario, 15.VI.1966, Malaise Trap B, D.D. Munroe/ HOLOTYPE Syndyas merbleuensis Teskey & Chillcott, CNC No. 8916.
Allotype ♀: Same data as holotype.
Paratypes: 100♂♂, 73♀♀, Ontario.
Remarks: The original description for the holotype indicates the collection date as 5.VI.1966, however the label on the holotype specimen reads 15.VI.1966.

Syndyas pleuripolita Teskey & Chillcott, 1977, Can. Ent. 109: 1452. CANADA.
Holotype ♂: Grand bend, Ont., 15.VII.1939, G.E. Shewell/ HOLOTYPE Syndyas pleuripolita Teskey & Chillcott, CNC No. 8913.
Allotype ♀: Same data as holotype except 4.VII.1939.
Paratypes: 1♂, 2♀♀, Nova Scotia; 1♀, Quebec; 4♂♂, 10♀♀, Ontario; 2♂♂, Vermont (USA); 6♂♂, 4♀♀, Michigan (USA).

Syneches pallidus Wilder, 1974, Contr. Am. ent. Inst. 10: 15. JAMAICA.

Holotype ♂: JAMAICA 4000' Hardwar Gap VII.13.1966, Howden & Becker/ HOLOTYPE *Syneches pallidus* Wilder, CNC No. 12692/ HOLOTYPE *Syneches pallidus* No. 12737, D.D. Wilder/ Wing slide 20.

Allotype ♀: Same data as holotype.

Paratypes: 3 ♀♀, Jamaica.

Remarks: The holotype has its terminalia dissected and stored in a glass microvial that is pinned with the specimen. The right wing is mounted on microscope slide No. 20, which is not in the CNC.

Syneches vineus jamaicensis Wilder, 1974, Contr. Am. ent. Inst. 10: 23. JAMAICA.

Holotype ♂: JAMAICA, 4000', Hardwar Gap, VII.25, 1966, Howden & Becker/ HOLOTYPE *Syneches vineus* ssp. *jamaicensis* Wilder, CNC No. 12693/ HOLOTYPE *Syneches vineus jamaicensis*, D.D. Wilder.

Allotype ♀: Same data as holotype.

Paratypes: 8 ♂♂, 8 ♀♀, Jamaica.

Tachydromia tacoma Melander, 1928, Genera Insect. (1927) 185: 281. USA.

Syntypes: 2 ♀♀, CNC No. 1479.

"2 ♀♀"; Mt. Rainier, Wn. Paradise Park, August, 1917 A.L. Melander/ (red label) PARATYPE *Tachydromia tacoma* Melander No. 1479/ SYNTYPE *Tachydromia tacoma* Mel., CNC No. 1479.

Tachyempis nigra Melander, 1928, Genera Insect. (1927) 185: 288. COSTA RICA.

Syntype: 1 ♀, CNC No. 1469.

"♀"; La Suiza de Turrialba, COSTA RICA, Pablo Schild/ PARATYPE *Tachyempis nigra* Melander, No. 1469/ SYNTYPE *Tachyempis nigra* Mel. CNC No. 1469.

Thinodromia parallela Melander, 1928, Genera Insect. (1927) 185: 297. USA.

Syntype: 1 ♀, CNC No. 1468.

"♀"; Long Beach, Wash. 30 Aug. 21, A.L. Melander/ PARATYPE *Thinodromia parallela* Melander, No. 1468/ SYNTYPE *Thinodromia parallela* Mel., CNC No. 1468.

Wiedemannia (Philolutra) veletica Vaillant & Chvála, 1973, Steenstrupia 3: 63. SPAIN.

Holotype ♂: N. slope Mt. Veleta, 2300-2550m 22.VII.1960 J.R. Vockeroth/ HOLOTYPE *Wiedemannia (Philolutra) veletica* Vaillant & Chvála CNC No. 21241.

Remarks: Although the original description states the holotype is deposited in the CNC, it is still in the collection of F. Vaillant. Data for the above specimen were taken from the original description.

HILARIMORPHIDAE

Hilarimorpha clavata Webb, 1974, J. Kans. ent. Soc. 47: 184. USA.

Holotype ♂: Togwotee Pass, Teton Co., WYO., 17.VII.1961, J.G. Chillcott/ HOLOTYPE *Hilarimorpha clavata* Webb, CNC No. 13328.

Allotype ♀: Same data as holotype.

Paratypes: 3 ♂♂, Wyoming.

Remarks: The holotype, allotype and 2 paratypes have their terminalia stored in glycerine in glass microvials that are pinned with their respective specimens. The holotype has its right wing glued to a paper point that is pinned below the specimen.

Hilarimorpha cunata Webb, 1974, J. Kans. ent. Soc. 47: 214. CANADA.

Holotype ♂: L'Assomption, Que., 7.VIII.36, Shewell/ HOLOTYPE *Hilarimorpha cunata* Webb, CNC No. 13327.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen. The right wing is missing from the holotype.

Hilarimorpha ditissa Webb, 1975, Ent. News 86: 81. CANADA.

Holotype ♂: Pouce Coupe, B.C., 14.VI.1961, A. & M. Brooks/ IDEMA illustration ♂/ HOLOTYPE *Hilarimorpha ditissa* Webb, CNC No. 18318/ HOLOTYPE *HILARIMORPHA DITISSA* WEBB.

Allotype ♀: Same data as holotype.

Paratypes: 10 ♂♂, British Columbia.

Remarks: The holotype, allotype and 2 paratypes have their terminalia stored in glycerine in plastic microvials that are pinned with their respective specimens. The right wing of the allotype is glued to the pin.

Hilarimorpha lamara Webb, 1974, J. Kans. ent. Soc. 47: 190. USA.

Holotype ♂: Helendale, Cal., 18.V.1955, W.R. Richards/ HOLOTYPE *Hilarimorpha lamara* Webb, CNC No. 13324.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen. The right wing is missing from the holotype.

Hilarimorpha mentata Webb, 1974, J. Kans. ent. Soc. 47: 218. CANADA.

Holotype ♂: McMurray, Alta., VII.6.53, W.J. Brown/ HOLOTYPE *Hilarimorpha mentata* Webb, CNC No. 13326.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen. The head is missing from the holotype, and the left wing is glued to a paper point that is pinned below the specimen.

Hilarimorpha pitans Webb, 1974, J. Kans. ent. Soc. 47: 210. CANADA.

Holotype ♂: MacGillivray Creek Game Reserve, nr. Chilliwack, B.C., 23.VII.1953/ HOLOTYPE Hilarimorpha pitans Webb, CNC No. 13325.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen. The left wing is missing from the holotype.

Hilarimorpha rivara Webb, 1975, Ent. News 86: 82. CANADA.

Holotype ♂: Kleanza Creek, 14 m E. of Terrace, B.C., 19.VII.1960, W.R. Richards/ HOLOTYPE Hilarimorpha rivara Webb, CNC No. 18319/ HOLOTYPE HILARIMORPHA RIVARA WEBB.

Remarks: The holotype has its terminalia stored in glycerine in a plastic microvial that is pinned with the specimen. The original description cites the date as 19.VII.1970.

Hilarimorpha tempa Webb, 1974, J. Kans. ent. Soc. 47: 198. USA.

Holotype ♂: Fairbanks, Alaska, 27.VI.1952, W.R. Mason/ HOLOTYPE Hilarimorpha tempa Webb, CNC No. 13323.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen. The right wing of the holotype is glued to a paper point that is pinned below the specimen.

Hilarimorpha varda Webb, 1974, J. Kans. ent. Soc. 47: 199. CANADA.

Holotype ♂: London, Ont., 10.VI.1954, A. Gerhardt/ HOLOTYPE Hilarimorpha varda Webb, CNC No. 13322.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen. The left wing and both antennae are missing from the holotype.

LONCHOPTERIDAE

Lonchoptera borealis Curran, 1934, Am. Mus. Novit. 696: 4. CANADA.

Holotype ♂: Thunder Riv., Que., 19.VIII.1930, W.J. Brown/ Lonchoptera HOLOTYPE borealis ♂ Curran, CNC No. 3684.

Paratype: 1♂, Ontario.

MYDIDAE

Messiasia penai Wilcox & Papavero, 1975, Archos Zool. Est. S Paulo 26: 30. PERU.

Holotype ♀: Avispas, Madre de Dios, PERU, 10-20.IX.1962, L. Peña 400 m./ HOLOTYPE Messiasia penai Wilcox & Papavero, CNC No. 15991/ Holotype Messiasia penai ♀, Wilcox & Papavero.

PHORIDAE

Alamira peckorum Disney & Peterson, 1983, Ent. Scand. 14: 435. SOUTH AFRICA.

Holotype ♀ (slide): REP. SOUTH AFRICA: Natal, 75 km. WSW Estcourt, 1400 m., Cathedral Peaks For. Sta., 7-31.XII.79, S.&J. Peck/ Alamira peckorum ♀ HOLOTYPE/ (underside of slide) CNC Type No. 17907, HOLOTYPE Slide No. Alamira peckosum [sic] Disney & Peterson.

Aphiochaeta alaskensis Malloch, 1919, Report of the Canadian Arctic Expedition. 3: 52. USA.

Lectotype ♂: Nome, Aug. 21, 16, Alaska/ Canadian Arctic Expedition F.J. 1916/ LECTOTYPE CNC No. 238, Megaselia alaskensis Borg./ Typus/ PARATYPE A. alaskensis Mall. No. 238/ Megaselia A. alaskensis Lectotype Mall. det. Borgmeier.

Paralectotypes: 3♂♂, 4♀♀, Alaska.

Remarks: One of the above paralectotypes is labeled as the holotype, although this specimen was not chosen by Borgmeier as the lectotype. There is also a specimen labeled as the allotype, but neither the allotype nor the holotype was designated in the original description. For lectotype designation see Borgmeier (1964, p. 360).

Aphiochaeta platychira Malloch, 1919, Report of the Canadian Arctic Expedition. 3: 52. USA.

Syntypes: 2♂♂, CNC No. 239.

"♂"; Nome, Aug. 24, 25, 16 Alaska/ Canadian Arctic Expedition F.J. 1916/ Holotype Aphiochaeta platychira Mall. No. 239/ (hand written) Aphiochaeta platychira Mall. Type/ SYNTYPE Aphiochaeta platychira Mall. CNC No. 239.

"♂"; Nome, Aug. 27, 16/ Canadian Arctic Expedition F.J. 1916/ PARATYPE A. platychira Mall. No. 239/ Megaselia A. Groenlandica Lundbeck det. Borgmeier/ SYNTYPE Aphiochaeta platychira Malloch CNC No. 239.

Coniceromyia blomae Peterson & Arntfield, 1971, Studia ent. 14: 395. MEXICO.

Holotype ♂: MEX., Chis., 20-25 mi. N. Huixtla 3000', 4 June 1969, H.J. Teskey/ Coniceromyia blomae HOLOTYPE (1971) CNC No. 9434, Peterson and Arntfield/ see wing slide.

Remarks: The holotype has its left wing mounted on a microscope slide.

Coniceromyia stephensoni Peterson, 1982, Mem. ent. Soc. Wash. 10: 136. PANAMA.

Holotype ♂ (slide): Panama Chiriqui, 4 km. N. Sta Hartmanns Finca 28.VI-3.VII.1981, B. Gill (see alcohol coll) Euparal/ Can. Nat. Coll. Type No.

17061 *Coniceromyia stephensoni* HOLOTYPE
♂ Slide No. Peterson 1982.

Remarks: Only the wing and right foretibia are present on the slide, the remainder of the type specimen is supposed to be in the alcohol collection, but we have not been able to locate it at this time.

Couturiera orientalis Disney & Peterson, 1983, Ent. Scand. 14: 436. MALAYSIA.

Holotype ♀ (Slide): u/u Gombak Field Station Center, KUALA LUMPUR, MALAYSIA, 8/14 Feb. 1980/ *Couturiera orientalis* ♀ HOLOTYPE (underside of slide) Can. Nat. Coll. Type No. 17209 HOLOTYPE Slide No. *Couturiera orientalis* Disney & Peterson.
Paratype: 1 ♀ (slide), Malaysia.

Cretonomyia pristina McAlpine, 1973, Can. Ent. 105: 106. CANADA.

Holotype ♀ (Canadian amber): Cedar Lake, Manitoba, J.E.H. Martin & J.F. McAlpine, August 1963, CNC No. 12920.

Crinophleba rostrata Borgmeier, 1967, Can. Ent. 99: 223. CANADA.

Holotype ♀: Wayerton, N.B., 24-VI-59, W. Moss/ HOLOTYPE *Crinophleba rostrata* Borgmeier, CNC No. 9469/ Typus/ 3/ *Crinophleba rostrata* ♀ Holotype det. Borgmeier/ HOLOTYPE CNC No. 9469/ IDEMA illustration.

Dacnophora pectinatus Brown, 1988, Can. Ent. 120: 308. USA.

Holotype ♀: USA: AZ. Cochise Co. 18.5 km W. Portal Basin Trail head 8-10.VII.1987 Yellow pines. B. Brown & T. Spanton 1950 m. oak, pine, juniper/ Holotype/ HOLOTYPE *Dacnophora pectinatus* Brown, CNC No. 21067/ HOLOTYPE ♀ *Dacnophora pectinatus* Brown det. B.V. Brown 1988.

Remarks: The holotype has its abdomen stored in glycerine in a plastic microvial that is pinned with the specimen.

Gymnophora alces Brown, 1987b, J. nat. Hist. 21: 1484. CHILE.

Holotype ♂: Estero la Jaula Curico, CHILE 1.1964. L. Peña Nothofagus/ Holotype/ HOLOTYPE *Gymnophora alces* Brown, CNC No. 21038/ HOLOTYPE *Gymnophora alces* Brown.

Paratype: 1 ♂, Chile.

Remarks: The holotype and paratype have their terminalia stored in glycerine in plastic microvials that are pinned with their respective specimens.

Gymnophora auricula Brown, 1987b, J. nat. Hist. 21: 1484. CHILE.

Holotype ♂: Estero la Jaula Curico, CHILE 1.1964. L. Peña Nothofagus/ Holotype/ HOLOTYPE

Gymnophora auricula Brown, CNC No. 21045/ HOLOTYPE *Gymnophora auricula* Brown.

Paratypes: 3 ♂♂, Chile.

Remarks: The holotype and paratypes have their terminalia stored in glycerine in plastic microvials that are pinned with their respective specimens.

Gymnophora carina Brown, 1987a, Syst. Ent. 12: 277. USA.

Holotype ♂: AZ: Cochise Co. S. of Sierra Vista Ramsey Cyn. 24.VIII.1984. B.V. Brown riparian forest. litter/ HOLOTYPE *Gymnophora carina* Brown, CNC No. 21032/ HOLOTYPE *Gymnophora carina* Brown det. B.V. Brown 1985.

Allotype ♀: Same data as holotype.

Paratypes: 7 ♂♂, 8 ♀♀, Arizona.

Gymnophora damula Brown, 1987b, J. nat. Hist. 21: 1488. CHILE.

Holotype ♂: El Coigual Curico, CHILE 20-26.I.64. Peña/ Holotype/ HOLOTYPE *Gymnophora damula* Brown, CNC No. 21034/ HOLOTYPE *Gymnophora damula* Brown.

Paratypes: 7 ♂♂, Chile.

Remarks: The holotype and paratypes have their terminalia stored in glycerine in plastic microvials that are pinned with their respective specimens.

Gymnophora falciformis Brown, 1987b, J. nat. Hist. 21: 1488. CHILE.

Holotype ♂: Puerto Cisnes, 72°40'W. 44°45'S. Aysen, CHILE. 1-15.II.61. Peña/ Holotype/ HOLOTYPE *Gymnophora falciformis* Brown, CNC No. 21037/ HOLOTYPE *Gymnophora falciformis* Brown.

Paratypes: 3 ♂♂, Chile.

Remarks: The holotype and paratypes have their terminalia stored in glycerine in plastic microvials that are pinned with their respective specimens.

Gymnophora forcipis Brown, 1987b, J. nat. Hist. 21: 1489. CHILE.

Holotype ♂: Lag. Amarga, Natales E. of Mt. Payne. 200m. Magellanes, CHILE 14-20.XII.'60. Peña/ Holotype/ HOLOTYPE *Gymnophora forcipis* Brown, CNC No. 21035/ HOLOTYPE *Gymnophora forcipis* Brown.

Paratypes: 3 ♂♂, Chile.

Remarks: The holotype and paratypes have their terminalia stored in glycerine in plastic microvials that are pinned with their respective specimens.

Gymnophora inusitata Brown, 1987b, J. nat. Hist. 21: 1490. CHILE.

Holotype ♂: Rio Manihuales Aysen, CHILE 26-28.I.1961/ Holotype/ HOLOTYPE

Gymnophora inusitata Brown CNC No. 21046/
HOLOTYPE *Gymnophora inusitata* Brown.
Remarks: The holotype has its terminalia stored in
glycerine in a plastic microvial that is pinned
with the specimen.

Gymnophora lacertosa Brown, 1987b, J. nat. Hist. 21: 1491.
ECUADOR.
Holotype ♂: 10 km. W. Sta. Isabel Azway,
ECUADOR 10-13.III.1965, 1500 m., L. Peña/
Holotype/ HOLOTYPE *Gymnophora lacertosa*
Brown, CNC No. 21042/ HOLOTYPE
Gymnophora lacertosa Brown.
Remarks: The holotype has its terminalia stored in
glycerine in a plastic microvial that is pinned
with the specimen.

Gymnophora latibrachia Brown, 1987b, J. nat. Hist. 21: 1491.
CHILE.
Holotype ♂: Chiloe, Chile, 20.II.1957 L.E. Peña/
Holotype/HOLOTYPE *Gymnophora latibrachia*
Brown, CNC No. 21043/ HOLOTYPE
Gymnophora latibrachia Brown.
Paratype: 1 ♂, Chile.
Remarks: The holotype and paratype have their
terminalia stored in glycerine in plastic
microvials that are pinned with their respective
specimens.

Gymnophora marshalli Brown, 1987a, Syst. Ent. 12: 289.
USA.
Holotype ♂: AK: AK Hwy., mi 1404 Sawmill Ck.,
White Spruce Bog, 18 mi. S Delta Jct. dung tp
15.VII.85, S. Marshall/ HOLOTYPE
Gymnophora marshalli Brown CNC No. 21033/
HOLOTYPE *Gymnophora marshalli* Brown
det. B.V. Brown 1985.
Paratype: 1 ♀, Alaska.
Remarks: The holotype and paratype have their
abdomen stored in glycerine in plastic
microvials that are pinned with their respective
specimens.

Gymnophora parachilensis Brown, 1987b, J. nat. Hist. 21:
1492. CHILE.
Holotype ♂: CHILE, Malleco, 6 km E.
Malalcahuello 13-31.XII.82 1080 m. A. Newton
& M. Thayer/ Holotype/ HOLOTYPE
Gymnophora parachilensis Brown, CNC No.
21041/ HOLOTYPE *Gymnophora parachilensis*
Brown.
Paratypes: 5 ♂♂, Chile.
Remarks: The holotype and paratypes have their
terminalia stored in glycerine in plastic
microvials that are pinned with their respective
specimens.

Gymnophora penai Brown, 1987b, J. nat. Hist. 21: 1492.
CHILE.
Holotype ♂: Enco Valdivia, CHILE 6.III.1955, L.E.
Peña 1100-1600/ Holotype/ HOLOTYPE

Gymnophora penai Brown, CNC No. 21040/
HOLOTYPE *Gymnophora penai* Brown.
Paratypes: 10 ♂♂, Chile.
Remarks: The holotype and paratypes have their
terminalia stored in glycerine in plastic
microvials that are pinned with their respective
specimens.

Gymnophora quadrata Brown, 1987b, J. nat. Hist. 21: 1493.
CHILE.
Holotype ♂: Puerto Cisnes 72°40'W. 44°45'S.
Aysen, CHILE 1-15.II.61 Peña/ Holotype/
HOLOTYPE *Gymnophora quadrata* Brown,
CNC No. 21044/ HOLOTYPE *Gymnophora*
quadrata Brown.
Paratype: 1 ♂, Chile.
Remarks: The holotype and paratype have their
terminalia stored in glycerine in plastic
microvials that are pinned with their respective
specimens.

Gymnophora strigula Brown, 1987b, J. nat. Hist. 21: 1494.
CHILE.
Holotype ♂: Puerto Cisnes, 72°40'W. 44°45'S.
Aysen, CHILE 1-15.II.'61 Peña/ Holotype/
HOLOTYPE *Gymnophora strigula* Brown, CNC
No. 21036/ HOLOTYPE *Gymnophora strigula*
Brown.
Paratype: 1 ♂, Chile.
Remarks: The holotype and paratype have their
terminalia stored in glycerine in plastic
microvials that are pinned with their respective
specimens.

Gymnophora trispina Brown, 1987b, J. nat. Hist. 21: 1496.
CHILE.
Holotype ♂: Rio Cisnes Aysen, CHILE 1-15.II.61/
Holotype/ HOLOTYPE *Gymnophora trispina*
Brown, CNC No. 21039/ HOLOTYPE
Gymnophora trispina Brown.
Paratypes: 2 ♂♂, Chile.
Remarks: The holotype and paratypes have their
terminalia stored in glycerine in plastic
microvials that are pinned with their respective
specimens.

Kerophora brunnea Brown, 1988, Can. Ent. 120: 310.
CANADA.
Holotype ♂: ALBERTA: Edmonton U of A. Ecol.
Reserve 6-13.V.1986 B.V. Brown malaise
spruce, poplar, alder/ Holotype/ HOLOTYPE
Kerophora brunnea Brown, CNC No. 21047/
HOLOTYPE ♂ *Kerophora brunnea* Brown det.
B.V. Brown 1988.
Paratypes: 1 ♂, 1 ♀, Alberta.

Kerophora ferruginea Brown, 1988, Can. Ent. 120: 309.
CANADA.
Holotype ♂: ALBERTA: Edmonton U of A. Ecol.
Reserve 26-29.V.1986 B.V. Brown malaise
spruce, poplar, alder/ Holotype/ HOLOTYPE

Kerophora ferruginea Brown, CNC No. 21048/
HOLOTYPE ♂ Kerophora ferruginea Brown
det. B.V. Brown 1988.

Paratypes: 1♂, 1♀, Alberta.

Phora (Trineura) viridinota Brues, 1916, Can. Ent. 48: 394.
CANADA.

Holotype ♂: Treesbank, MAN., V-30-1915/
HOLOTYPE Phora viridinota Br., CNC No.
240.

Remarks: The holotype has its terminalia stored in
glycerine in glass microvial that is pinned with
the specimen.

Prioriphora canadambra McAlpine & Martin, 1966, Can. Ent.
98: 532. CANADA.

Holotype ♂ (Canadian amber): Cedar Lake,
Manitoba, collected August 1963, J.E.H. Martin
& J.F. McAlpine, CNC No. 9127.

Pseudacteon browni Disney, 1991, Sociobiology 18(3): 291.
COSTA RICA.

Holotype ♀ (slide): Costa Rica, La Selva Pto. Viejo
Feb. 1980 W. Mason 18-66/ Pseudacteon
browni HOLOTYPE ♀ C.N.C. # 21244.

Remarks: According to the original description the
holotype was deposited in Disney's collection.
However, it is now deposited in the CNC.

Sciadophora bostoni McAlpine & Martin, 1966, Can. Ent. 98:
530. CANADA.

Remarks: In the original description McAlpine and
Martin indicated that the holotype contained in
Canadian amber is deposited in the CNC.
However, it is the property of Mr. P. Boston,
Medicine Hat, Alberta, and has been returned to
him.

Styletta camponoti Brown, 1988, Can. Ent. 120: 311.
CANADA.

Holotype ♂: ONT: Guelph, South Arboretum.
3-9.VII.1985 B.V. Brown, malaise head (wet) in
decid. forest/ Holotype/ HOLOTYPE Styletta
camponoti Brown, CNC No. 21068/
HOLOTYPE ♂ Styletta camponoti det. B.V.
Brown 1988.

Paratypes: 2♀♀, California.

Remarks: The holotype has its terminalia stored in
glycerine in a plastic microvial that is pinned
with the specimen.

PIPUNCULIDAE

Cephalops curvarmatus DeMeyer, 1989, Bull. Inst. r. Sci. nat.
Belg. Entomol 59: 114. USA.

Holotype ♂: Unalakleet, Alaska, 11.VIII.61, R.
Madge/ Holotype/ HOLOTYPE Cephalops
curvarmatus DeMeyer, CNC No. 21078/
Cephalops curvarmatus sp.n. M. DeMeyer det.,
1988.

Allotype ♀: Same data as holotype.

Paratypes: 5♂♂, 5♀♀, Alaska.

Cephalops filicerus DeMeyer, 1989, Bull. Inst. r. Sci. nat.
Belg. Entomol 59: 106. CANADA.

Holotype ♂: U.B.C. Forest nr. Haney, 1100 ft.
Garibaldi Pk. B.C. July 6-7. 1953/ Holotype/
HOLOTYPE Cephalops filicerus DeMeyer,
CNC No. 21100/ Cephalops filicerus sp.n. M.
DeMeyer det., 1988.

Allotype ♀: Mt. Thornhill, nr Terrace, B.C.
30.VII.1960, B. Heming/ Allotype/
ALLOTYPE Cephalops filicerus DeMeyer,
CNC No. 21100/ Cephalops filicerus sp.n. M.
DeMeyer det., 1988.

Remarks: The holotype has its terminalia stored in
glycerine in a glass microvial that is pinned with
the specimen.

Cephalops furnaceus DeMeyer, 1989, Bull. Inst. r. Sci. nat.
Belg. Entomol 59: 110. CANADA.

Holotype ♂: 5 mi. S. Terrace B.C. 220' 3.VI.1960,
J.G. Chillcott/ HOLOTYPE/ HOLOTYPE
Cephalops furnaceus DeMeyer, CNC No.
21080/ Cephalops furnaceus sp.n. M. DeMeyer
det., 1988.

Allotype ♀: Isabel Pass, Alaska Mi. 206 Richardson
Hwy. 2900' 18.VII.1962 P.J. Skitsko/ Allotype/
ALLOTYPE Cephalops furnaceus DeMeyer,
CNC No. 21080.

Paratypes: 2♂♂, 2♀♀, Alaska (USA); 1♂, Alberta;
4♂♂, 6♀♀, British Columbia.

Cephalops grootaerti DeMeyer, 1989, Bull. Inst. r. Sci. nat.
Belg. Entomol 59: 111. CANADA.

Holotype ♂: Mer Bleu[e], 5 mi. E. Ottawa, Ontario
1.IX.1966, Malaise Trap D.D. Munroe/
Holotype/ HOLOTYPE Cephalops grootaerti
DeMeyer, CNC No. 21099/ Cephalops
grootaerti sp.n. M. DeMeyer det., 1988.

Allotype ♀: Same data as holotype except
3.VII.1966.

Paratypes: 2♂♂, 3♀♀, Quebec; 14♂♂, 2♀♀,
Ontario; 1♀, Manitoba; 1♀, Saskatchewan; 1♂,
Alberta; 1♂, Pennsylvania (USA); 2♀♀, Alaska
(USA).

Cephalops longiductulis DeMeyer, 1989, Bull. Inst. r. Sci. nat.
Belg. Entomol 59: 117. USA.

Holotype ♂: Lafayette Co. MISS. Spring 1943 F.M.
Hull/ Frank M. Hull Collection C.N.C. 1973/
Holotype/ HOLOTYPE Cephalops longiductulis
DeMeyer, CNC No. 21101/ Cephalops
longiductulis sp.n. M. DeMeyer det., 1988.

Paratype: 1♂, Florida.

Remarks: The holotype has its terminalia stored in
glycerine in a glass microvial that is pinned with
the specimen.

Cephalops longistylis DeMeyer, 1989, Bull. Inst. r. Sci. nat.
Belg. Entomol 59: 113. USA.

- Holotype ♂: Williamsville Mo. 14.VII.1969 Malaise Trap/ Holotype/ HOLOTYPE Cephalops longistylis DeMeyer CNC No. 21077/ Cephalops longistylis sp.n. M. DeMeyer det., 1988.
Allotype ♀: Ames, Iowa 25.VI.1947 A.R. Brooks/ Allotype/ ALLOTYPE Cephalops longistylis DeMeyer, CNC No. 21077/ Cephalops longistylis sp.n. M. DeMeyer det., 1988.
Paratypes: 1♂, Missouri; 1♂, 1♀, Mississippi; 1♂, 1♀, Tennessee.
- Cephalops pallidivittipes*** DeMeyer, 1989, Bull. Inst. r. Sci. nat. Belg. Entomol 59: 109. USA.
Holotype ♂: Laurel, MD. 14 June 65, Malaise Trap/ Holotype/ HOLOTYPE Cephalops pallidivittipes DeMeyer, CNC No. 21098/ Cephalops pallidivittipes sp.n. M. DeMeyer det., 1989.
Allotype ♀: Same data as holotype.
Paratypes: 1♂, 2♀ ♀, Maryland; 2♀ ♀, Vermont; 1♀, Pennsylvania; 1♀, Virginia; 1♂, Tennessee; 3♂♂, 8♀ ♀, Quebec (Canada); 6♂♂, 7♀ ♀, Ontario (Canada).
- Cephalops reductus*** DeMeyer, 1989, Bull. Inst. r. Sci. nat. Belg. Entomol 59: 108. CANADA.
Holotype ♂: Mer Bleu[e], 5 mi. E. Ottawa, Ontario 7.VII.1966 Malaise Trap B, D.D. Munroe/ Holotype/ HOLOTYPE Cephalops reductus DeMeyer, CNC No. 21079/ Cephalops reductus sp.n. M. DeMeyer det., 1988.
Allotype ♀: Same data as holotype.
Paratypes: 2♂♂, 2♀ ♀, Ontario.
- Dorylomorpha (Dorylomorpha) aberrans*** Albrecht, 1990, Acta zool. fenn. 188: 181. CANADA.
Holotype ♂: Mission City, B.C. 19.VI.1953 W.R.M. Mason/ Holotypus ♂ Dorylomorpha aberrans Albrecht/ HOLOTYPE Dorylomorpha (Dorylomorpha) aberrans Albrecht, CNC No. 21069.
Paratypes: 5♂♂, 6♀ ♀, British Columbia.
Remarks: The holotype has its abdomen stored in glycerine in a plastic microvial that is pinned with the specimen.
- Dorylomorpha (Dorylomyia) alaskensis*** Albrecht, 1990, Acta zool. fenn. 188: 84. USA.
Holotype ♂: Umiat, Alaska 5.VIII.1959 R. Madge/ Holotypus ♂ Dorylomorpha alaskensis Albrecht/ HOLOTYPE Dorylomorpha (Dorylomyia) alaskensis Albrecht, CNC No. 21070.
Remarks: The holotype has its abdomen stored in glycerine in a plastic microvial that is pinned with the specimen.
- Dorylomorpha canadensis*** Hardy, 1943, Kans. Univ. Sci. Bull. 29: 133. CANADA.
Holotype ♂: Cypress Hills, Sask., 4.VI.1939, A.R. Brooks/ HOLOTYPE Dorylomorpha canadensis ♂, D.E. Hardy/ Dorylomorpha Holotype canadensis Hardy, CNC No. 5208/ Dorylomorpha canadensis Hardy, Det. 1941, D.E. Hardy.
Allotype ♀: Same data as holotype.
Paratypes: 9♂♂, 6♀ ♀, Saskatchewan.
- Dorylomorpha (Dorylomyia) dispar*** Albrecht, 1990, Acta zool. fenn. 188: 88. USA.
Holotype ♂: Valmont Butte, 5300' Boulder, COLO. June 7, 1961 W.R.M. Mason/ Holotypus ♂ Dorylomorpha dispar Albrecht/ HOLOTYPE Dorylomorpha (Dorylomyia) dispar Albrecht CNC No. 21071.
Paratypes: 1♂, Alberta (Canada); 1♀, Colorado.
Remarks: The holotype has the apical portion of the abdomen stored in glycerine in a plastic microvial that is pinned with the specimen.
- Dorylomorpha (Dorylomorpha) extricatoides*** Albrecht, 1990, Acta zool. fenn. 188: 198. USA.
Holotype ♂: Gr. Smoky Mt. Nat. Pk., N.C. 20.V.1957 J.R. Vockeroth/ Clingman's Dome 6300' 6642'/ Holotypus ♂ Dorylomorpha extricatoides Albrecht/ HOLOTYPE Dorylomorpha (Dorylomorpha) extricatoides CNC No. 21072.
Paratypes: 5♂♂, 1♀, Tennessee; 9♂♂, 5♀ ♀, North Carolina.
Remarks: The holotype has the apical portion of the abdomen stored in glycerine in a plastic microvial that is pinned with the specimen.
- Dorylomorpha (Dorylomyza) fulvitaris*** Albrecht, 1990, Acta zool. fenn. 188: 177. CANADA.
Holotype ♂: Thornhill, ONT. 30.V.1964 J.R. Vockeroth/ Holotypus ♂ Dorylomorpha fulvitaris Albrecht/ HOLOTYPE Dorylomorpha fulvitaris Albrecht, CNC No. 21073.
Paratypes: 2♀ ♀, Ontario.
Remarks: The holotype has the apical portion of the abdomen stored in glycerine in a plastic microvial that is pinned with the specimen.
- Dorylomorpha (Dorylomyza) hardyi*** Albrecht, 1990, Acta zool. fenn. 188: 149. CANADA.
Holotype ♂: Yellowknife, N.W.T. 5.VI.1953 J.G. Chillcott/ Holotypus ♂ Dorylomorpha hardyi Albrecht/ HOLOTYPE Dorylomorpha hardyi Albrecht, CNC No. 21074.
Paratypes: 1♂, Labrador; 1♀, Alberta; 1♀, British Columbia; 1♀, Yukon; 1♀, Northwest Territories.
Remarks: The holotype has the apical portion of the abdomen stored in glycerine in a plastic microvial that is pinned with the specimen.
- Dorylomorpha (Dorylomorpha) improvisa*** Albrecht, 1990, Acta zool. fenn. 188: 185. CANADA.
Holotype ♂: Ottawa, Ont. 26.V.1958 J.G. Chillcott/ Holotypus ♂ Dorylomorpha improvisa Albrecht/

HOLOTYPE *Dorylomorpha improvisa*
Albrecht, CNC No. 21075.

Paratypes: 3 ♀, Ontario.

Remarks: The holotype has the apical portion of the abdomen stored in glycerine in a plastic microvial that is pinned with the specimen.

Dorylomorpha ornata Hardy, 1943, Kans. Univ. Sci. Bull. 29: 139. CANADA.

Holotype ♂: Clinton, B.C., 11.VI.1938, J.K. Jacob/
HOLOTYPE *Dorylomorpha ornata* ♂, D.E.
Hardy/ *Dorylomorpha* HOLOTYPE *ornata*
Hardy, CNC No. 5209/ *Dorylomorpha ornata*
Hardy Det. 1941, D.E. Hardy/ *Dorylomorpha*
albitarsis (Zett.) A. Albrecht det. 77/.

Allotype ♀: Same data as holotype except
15.VI.1938.

Paratype: 1 ♀, British Columbia.

Remarks: The holotype has its abdomen stored in glycerine in a plastic microvial that is pinned with the specimen.

Dorylomorpha (Dorylomyia) simplex Albrecht, 1990, Acta zool. fenn. 188: 81. CANADA.

Holotype ♂: La Force L., Y.T. 132°20', 62°41'
3300' 10.VII.60 J.E.H. Martin/ Holotypus ♂
Dorylomorpha simplex Albrecht/ HOLOTYPE
Dorylomorpha simplex Albrecht, CNC No.
21076.

Paratypes: 1 ♂, 1 ♀, Alberta; 1 ♂, Manitoba; 1 ♂,
2 ♀, Yukon; 2 ♀, Colorado (USA).

Remarks: The holotype has the apical portion of the abdomen stored in glycerine in a plastic microvial that is pinned with the specimen.

Microcephalops floridae De Meyer, 1989, Bull. Inst. r. Sci. nat. Belg. Entomol 59: 123. USA.

Holotype ♂: Orange Park, Fla. 25.III.1952 O. Peck/
Holotype/HOLOTYPE *Microcephalops*
floridae DeMeyer CNC No. 21103/
Microcephalops floridae sp.n. M. DeMeyer
det., 1988.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.

Microcephalops parafloridae DeMeyer, 1989, Bull. Inst. r. Sci. nat. Belg. Entomol 59: 124. USA.

Holotype ♂: Highlands, N.C. 3800' 12.VII.1957,
J.G. Chillcott/ Holotype/ HOLOTYPE
Microcephalops parafloridae DeMeyer, CNC
No. 21102/ *Microcephalops parafloridae* sp.n.
M. DeMeyer det., 1988.

Paratype: 1 ♂, Georgia.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.

Pipunculus eronis Curran, 1927g, Can. Ent. 59: 291.
CANADA.

Holotype ♀: Seton Lake, Lillooet, B.C.,
15.VI.1926, J. McDunnough/ *Pipunculus*
HOLOTYPE *eronis* Curran, CNC No. 2421.

Remarks: The holotype has its head and left wing glued to a paper point and pinned with the specimen.

Pipunculus stricklandi Curran, 1927g, Can. Ent. 59: 291.
CANADA.

Holotype ♂: Waterton, Alta., July 10, 1923, E.H.
Strickland/ *Pipunculus* HOLOTYPE *stricklandi*
Curran, CNC No. 2420.

Remarks: The holotype has its head and both wings broken from the specimen; the head and one wing are glued to a paper point that is pinned with the specimen.

PLATYPEZIDAE

Agathomyia canadensis Johnson, 1923, Occ. Pap. Boston Soc. nat. Hist. 5: 58. CANADA.

Holotype ♂: Norway Point, Lake of Bays, Ont.,
1.VIII.1919, J. McDunnough/ HOLOTYPE
Agathomyia canadensis John., CNC No. 612/
HOLOTYPE No./ *Agathomyia canadensis*
Johns./ IDEMA illustration.

Calotarsa durangoensis Kessel & Young, 1974, Wasmann J. Biol. 32: 165. MEXICO.

Holotype ♀: MEX. Dgo. 14 mi. SW. El Salto,
8000', 17. July 1964, W.R.M. Mason/
HOLOTYPE *Calotarsa durangoensis* Kessel &
Young, CNC No. 19249/ Holotype *Calotarsa*
durangoensis Kessel & Young.

Calotarsa mexicana Kessel & Young, 1974, Wasmann J. Biol. 32: 167. MEXICO.

Holotype ♂: MEX., Chis., 9500' Mt. Tzontehuitz,
12.VI.1969, H.J. Teskey/ HOLOTYPE
Calotarsa mexicana Kessel & Young, CNC No.
19250/ Holotype *Calotarsa mexicana* Kessel &
Young/ *Calotarsa* n.sp. ♂ Det. J.F. McAlpine
1973.

Remarks: The holotype has part of one tarsus stored in a gelatin capsule that is pinned with the specimen.

Platypeza elongata Banks, 1915, JI N.Y. ent. Soc. 23: 215.
USA.

Syntype: 1 ♂, CNC No. 2121.

"♂"; Falls Church Va. 30.VIII/ N. Banks
Collection/ PARATYPE *Platypeza elongata*
Banks, No. 2121/ Type 13493/ *Platypeza*
elongata Bks./ SYNTYPE *Platypeza elongata*
Banks CNC No. 2121.

Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 13493.

RHAGIONIDAE

Arthroceras fulvicorne Nagatomi, 1966, Pacif. Insects 8: 46. CANADA.

Holotype ♀: Robson, B.C., 12.VI.1948, H.R. Foxlee/ Holotype *Arthroceras fulvicorne* Nag. CNC No. 9100/ Holotype No. 9100/ *Arthroceras fulvicorne* Nagatomi ♀ Det. A. Nagatomi.

Paratypes: 18♀, British Columbia.

Remarks: The date on the locality label of the holotype is 12.VI.1948, not 21.VI.1948 as published.

Bolbomyia macgillisi Chillcott, 1961b, Can. Ent. 93: 634. CANADA.

Holotype ♂: Kitsumkalum Lake, 20 mi. N. Terrace, B.C., 31.V.1960, J.G. Chillcott/ Holotype ♂ *Bolbomyia macgillisi* Chillcott, CNC No. 7487.

Allotype ♀: Same data as holotype.

Paratypes: 23♂♂, 18♀♀, British Columbia.

Bolbomyia melanderi Chillcott, 1963, Can. Ent. 95: 1189. USA.

Holotype ♂: Mountain Lake, Giles Co., Va., 3800' 26.V.62, J.G. Chillcott/ Holotype *Bolbomyia melanderi* Chillcott, CNC No. 8227.

Allotype ♀: Same data as holotype except 31.V.62.

Paratype: 1♂, Virginia.

Chrysopilus cameroni Curran, 1926d, Can. Ent. 58: 170. CANADA.

Holotype ♂: Saskatoon, Sask., 15.VI.1923, A.E. Cameron/ 3 mi. Creek 29.V.23, Pupa 5.VI.23, Adult 15.VI.23/ Holotype *Chrysopila cameroni* ♂ Curran, CNC No. 2025.

Allotype ♀: Saskatoon, Sask., 12.VI.1923, A.E. Cameron/ 9 Mile Creek, Larva 5.VI.23, Pupa 6.VI.23/ Allotype *Chrysopila cameroni* ♀ Curran, CNC No. 2025.

Remarks: In the original description the generic name is spelled as *Chrysopila*.

Litoleptis alaskensis Chillcott, 1963, Can. Ent. 95: 1187. USA.

Holotype ♂: Cape Thompson, Alaska, 26.VII.61, B.S. Heming/ Holotype *Litoleptis alaskensis* Chillcott, CNC No. 8226.

Paratype: 1♂, Alaska.

Remarks: The holotype has the apical portion of the abdomen stored in glycerine in a glass microvial that is pinned with the specimen.

Ptiolina alberta Leonard in Curran, 1931c, Can. Ent. 63: 250. CANADA.

Holotype ♂: Banff, Alta., 22.VII.15, Sanson/ Holotype *Ptiolina alberta* Leonard, CNC No. 3298/ Type *Ptiolina alberta* Leon., No. 3298.

Remarks: The holotype is missing the left flagellum.

Ptiolina augusta Curran, 1931c, Can. Ent. 63: 249. CANADA.

Holotype ♂: Natashquan, Que., 8.VIII.1929, W.J. Brown/ Holotype *Ptiolina augusta* Curran, CNC No. 3416/ Type *Ptiolina augusta* ♂ Curran No./ *Ptiolina augusta* Curran, Det. C.H. Curran.

Remarks: The holotype is missing the right flagellum and the left hind leg.

Ptiolina mitis Curran, 1931c, Can. Ent. 63: 249. CANADA.

Holotype ♂: Natashquan, Que., 21.VI.1929, W.J. Brown/ Holotype *Ptiolina mitis* Curran, CNC No. 3416/ Type *Ptiolina mitis* ♂ Curran, No./ *Ptiolina mitis* Curran, Det. C.H. Curran.

Rhagio chillcotti James, 1965, Can. Ent. 97: 333. CANADA.

Holotype ♂: Mission City, B.C., 19.VI.1953, G.J. Spencer/ Holotype *Rhagio chillcotti* James CNC No. 8841/ *Rhagio chillcotti* ♂, James Holotype. Allotype ♀: Same data as holotype except 28.VI.1953.

Paratypes: 5♂♂, 3♀♀, British Columbia.

Rhagio dichromaticus Chillcott, 1965, Can. Ent. 97: 788. USA.

Holotype ♂: 11 mi. S.W. Alexandria, La., 1.IV.1960, J.G. Chillcott/ Sandy pine woodland/ Holotype *Rhagio dichromaticus* Chillcott, CNC No. 8230.

Allotype ♀: Same data as holotype.

Paratype: 4♂♂, 2♀♀, Louisiana.

Rhagio floridensis Chillcott, 1965, Can. Ent. 97: 789. USA.

Holotype ♂: Torreya St. Park, Fla., 1.V.1952, O. Peck/ Holotype *Rhagio floridensis* Chillcott, CNC No. 8231.

Paratypes: 2♂♂, Florida.

Rhagio orestes Chillcott, 1965, Can. Ent. 97: 792. USA.

Holotype ♂: Gr. Smoky Mt. Nat. Pk., Tenn. 2.VII.1957, J.R. Vockeroth/ Indian Gap 5200'/ Holotype *Rhagio orestes* Chillcott, CNC No. 8425.

Allotype ♀: Same data as holotype.

Paratypes: 3♂♂, 7♀♀, Tennessee; 3♂♂, 5♀♀, North Carolina.

SCENOPINIDAE

Brevitrichia nayariti Kelsey, 1971, Occ. Pap. Calif. Acad. Sci. 88: 23. MEXICO.

Holotype ♀: 10 mi. N. Ixtlon del Rio, Nay., MEX., 28.IV.1961, Howden & Martin/ HOLOTYPE *Brevitrichia nayariti* Kelsey, CNC No. 11429/ *Brevitrichia nayariti* n.sp. det. L.P. Kelsey 1969.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with specimen.

Caenoneura nigra Kelsey, 1969, Bull. U.S. natn. Mus. 277: 163. SPAIN.

Holotype ♀: Sierra Nevada Hwy., SPAIN, 1600 m., 27.VII.1960, J.R. Vockeroth/ HOLOTYPE

Caenoneura nigra Kelsey, CNC No. 8629/
HOLOTYPE 8629, Caenoneura nigra.

Neopseudatrichia monteithi Kelsey, 1970, J. Aust. ent. Soc. 9:
144. AUSTRALIA.

Remarks: In the original description the holotype
was stated to be in the CNC. It was transferred
to the Australian National Collection in
Canberra on 8.XII.1970.

Pseudatrichia garretti Kelsey, 1969, Bull. U.S. natn. Mus. 277:
244. CANADA.

Holotype ♀: Keremeos, B.C., 26.VI.1923, C.B.
Garrett/ HOLOTYPE Pseudatrichia garretti
Kelsey, CNC No. 8633/ HOLOTYPE 8633
Pseudatrichia garretti n.sp.

Remarks: The holotype has its terminalia stored in
glycerine in a glass microvial that is pinned with
the specimen.

Pseudatrichia granti Kelsey, 1974, Quaest. ent. 10: 137.
CANADA.

Holotype ♀: Lavington, B.C., Em. 19.VII.65 F.I.S./
65 J. Grant in flight coll./ 216/ HOLOTYPE
Pseudatrichia granti Kelsey, CNC No. 12962/
HOLOTYPE Pseudatrichia granti/ Pseudatrichia
granti n.sp. det. L.P. Kelsey 1971.

Remarks: The holotype has its terminalia stored in
glycerine in a glass microvial that is pinned with
the specimen. The original description gives the
locality as Livingston, B.C.

Pseudatrichia howdeni Kelsey, 1969, Bull. U.S. natn. Mus.
277: 247. USA.

Holotype ♀: Rustler's Park, 8400' Alt./ Chir. Mts.
Ariz. VI.11.1956, H. & A. Howden/
HOLOTYPE Pseudatrichia howdeni Kelsey,
CNC No. 8634/ HOLOTYPE 8634
Pseudatrichia howdeni n.sp./ IDEMA
illustration.

Remarks: The holotype has its terminalia stored in
glycerine in a glass microvial that is pinned with
the specimen.

Pseudatrichia macalpeni Kelsey, 1974, Quaest. ent. 10: 137.
MEXICO.

Holotype ♂: 5 mi. W. Durango, Dgo. MEX., 6500'
Aug. 11, 1964, J.F. McAlpine/ HOLOTYPE
Pseudatrichia macalpeni [sic] Kelsey, CNC No.
12963/ HOLOTYPE Pseudatrichia macalpeni
[sic]/ Pseudatrichia macalpeni [sic] n.sp. det.
L.P. Kelsey 1971.

Remarks: The holotype has its terminalia stored in
glycerine in a glass microvial that is pinned with
the specimen.

Pseudatrichia rufitruncula Kelsey, 1971, Occ. Pap. Calif.
Acad. Sci. 88: 31. USA.

Holotype ♂: Big Bend Nat. Pk. TEX., Chisos Basin,
Apr. 20 1959, Howden & Becker/ HOLOTYPE
Pseudatrichia rufitruncula Kelsey, CNC No.

11430/ Pseudatrichia rufitruncula n.sp. det. L.P.
Kelsey 1969.

Allotype ♀: MEXICO, Chis., N. Chiapas, 3 km. S.
Oaxaca Rte. 190 12.VIII.62, 5-6000', H.E.
Milliron/ ALLOTYPE Pseudatrichia rufitruncula
Kelsey, CNC No. 11430/ Pseudatrichia
rufitruncula n.sp. det. L.P. Kelsey 1969.

Remarks: The holotype and allotype have their
terminalia stored in glycerine in glass microvials
that are pinned with their respective specimens.
The original description cites the collectors of
the holotype as Howden & Baker; it should read
Howden & Becker.

Scenopinus aquelonius Kelsey, 1969, Bull. U.S. natn. Mus.
277: 20. CANADA.

Holotype ♀: Trinity Val., B.C., VIII.8.1928, R.T.
Turner/ HOLOTYPE Scenopinus aquelonius ♂,
Kelsey, CNC No. 8632/ HOLOTYPE 8632
Scenopinus aquelonius.

Paratype: 1 ♀, British Columbia.

Remarks: The holotype has its terminalia stored in
glycerine in a glass microvial that is pinned with
the specimen.

Scenopinus bulbapennis Kelsey, 1969, Bull. U.S. natn. Mus.
277: 60. SPAIN.

Holotype ♂: Sierra Nevada Hwy., SPAIN, 2200 m./
27.VII.1960, J.R. Vockeroth/ HOLOTYPE
Scenopinus bulbapennis [sic] ♂, Kelsey, CNC
No. 8631/ HOLOTYPE 8631 Scenopinus
bulbapennis [sic] ♂.

Allotype ♀: Same data as holotype.

Paratypes: 2 ♂♂, Spain.

Remarks: The holotype and allotype have their
terminalia stored in glycerine in glass microvials
that are pinned with their respective specimens.

Scenopinus howdeni Kelsey, 1969, Bull. U.S. natn. Mus. 277:
137. USA.

Holotype ♀: S.W. Res. Sta., PORTAL, ARIZ.,
VI.26.1956, H.&A. Howden/ HOLOTYPE
Scenopinus howdeni ♂, Kelsey, CNC No. 8958/
HOLOTYPE Scenopinus howdeni n.sp.

Remarks: The holotype has its terminalia stored in
glycerine in a glass microvial that is pinned with
the specimen.

Scenopinus majalcai Kelsey, 1974, Quaest. ent. 10: 133.
MEXICO.

Holotype ♂: Majalca Road, 5000', 30 mi. N.W.
Chih. Chih. Mex./ Apr. 17. 1961, Howden &
Martin/ HOLOTYPE Scenopinus majalcai
Kelsey, CNC No. 12958/ Scenopinus majalcai
n.sp. det. L.P. Kelsey 1971.

Allotype ♀: Same data as holotype.

Paratype: 1 ♀, Mexico.

Remarks: The holotype and allotype have their
terminalia stored in glycerine in glass microvials
that are pinned with their respective specimens.
The holotype is missing most of the right wing.

Scenopinus masoni Kelsey, 1974, Quaest. ent. 10: 134. USA.
Holotype ♀: Boulder, 5500', June 19' 61. COLO.
W.R.M. Mason/ HOLOTYPE Scenopinus
masoni Kelsey, CNC No. 12959/ Scenopinus
masoni n.sp. det. L.P. Kelsey 1971.

Paratype: 1 ♀, Colorado.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.

Scenopinus monterreyi Kelsey, 1974, Quaest. ent. 10: 134. MEXICO.

Holotype ♀: 5 mi. S. Monterrey, N.L. Mex., VII.21.1963, H.F. Howden/ HOLOTYPE Scenopinus monterreyi Kelsey, CNC No. 12960/ Scenopinus monterreyi n.sp. det. L.P. Kelsey, 1971.

Remarks: The holotype has the apical portion of abdomen stored in glycerine in a glass microvial that is pinned with the specimen.

Scenopinus obregoni Kelsey, 1974, Quaest. ent. 10: 135. MEXICO.

Holotype ♀: 16 mi. NE. Cd. Obregon, Sonora, MEXICO, V.15.1961, Howden & Martin/ HOLOTYPE Scenopinus obregoni [sic] Kelsey, CNC No. 12961/ Scenopinus obregoni [sic] n.sp. det. L.P. Kelsey 1971.

Paratype: 1 ♀, Mexico.

Remarks: The holotype has the apical portion of the abdomen stored in glycerine in a glass microvial that is pinned with the specimen. The basal part of the abdomen is glued to the pin below remainder of the specimen.

Scenopinus pecki Kelsey, 1969, Bull. U.S. natn. Mus. 277: 145. CANADA.

Holotype ♂: Scandia, Alta., 10.VII.1956, O. Peck/ Swept from range grass/ HOLOTYPE Scenopinus pecki ♂, Kelsey, CNC No. 8957/ HOLOTYPE Scenopinus pecki n.sp.

Allotype ♀: Same data as holotype.

Paratypes: 16 ♂♂, Alberta.

Remarks: The holotype and allotype have their terminalia stored in glycerine in glass microvials that are pinned with their respective specimens.

Scenopinus vockerothi Kelsey, 1971, Occ. Pap. Calif. Acad. Sci. 88: 4. CANADA.

Holotype ♂: Old Chelsea, QUE., Summit King Mt., 1150', July 1964, J.R. Vockeroth/ ex. nest of *Glaucomys sabrinus* (Shaw)/ HOLOTYPE Scenopinus vockerothi ♂ Kelsey, CNC No. 11428/ Scenopinus vockerothi n.sp. det. L.P. Kelsey 1970.

Allotype ♀: Stittsville, Ont., 26.VII.1965, J.R. Vockeroth/ ALLOTYPE Scenopinus vockerothi Kelsey, CNC No. 11428/ Scenopinus vockerothi n.sp. det. L.P. Kelsey 1969.

Remarks: The holotype and allotype have their terminalia stored in glycerine in glass microvials

that are pinned with their respective specimens. The holotype has its abdomen glued to the pin below the remainder of the specimen.

Seguyella chinchona Kelsey, 1969, Bull. U.S. natn. Mus. 277: 294. INDIA.

Holotype ♀: Cinchona, [sic] S. INDIA, Anamalai Hills. 3500' V.1956, P.S. Nathan/ HOLOTYPE Seguyella chinchona [sic] Kelsey, CNC No. 8630/ Seguyella chinchona [sic] det. L.P. Kelsey, 1964.

Remarks: The holotype has the apical portion of the abdomen stored in glycerine in a glass microvial that is pinned with the specimen.

STRATIOMYIDAE

Artemita latifrons James, 1971, J. Kans. ent. Soc. 44: 62. PERU.

Holotype ♀: Avispas, Madre de Dios, PERU, 10-20.IX.1962, 400 m., L. Peña/ HOLOTYPE Artemita latifrons James, CNC No. 13538/ HOLOTYPE ♀, Artemita latifrons James.

Paratypes: 4 ♀♀, Peru.

Beridops penai James, 1973, Revta chil. Ent. 7: 14. CHILE.

Holotype ♂: Villegas Parral Distr. Linares, CHILE, 27-30.X.60 Peña/ HOLOTYPE Beridops penai James, CNC No. 13537/ HOLOTYPE Beridops penai ♂ James.

Allotype ♀: Same data as holotype.

Paratype: 2 ♂♂, Chile.

Chalcidomorphina terataspis James, 1974, Melanderia 14: 28. PERU.

Holotype ♂: Avispas, Madre de Dios, PERU, 10-20.IX.1962, 400 m., L. Peña/ HOLOTYPE Chalcidomorphina terataspis James, CNC No. 13894/ HOLOTYPE ♂ Chalcidomorphina terataspis James.

Paratype: 1 ♀, Peru.

Chrysochroma canadensis Curran, 1927d, Trans. R. Soc. Can. ser. 3. 21: 197. CANADA.

Holotype ♂: Niagara Glen, Ont., 1.VII.1926, G.S. Walley/ HOLOTYPE Chrysochroma canadensis ♂ Curran, CNC No. 2360.

Clitellaria rustica Osten Sacken, 1877, Bull. U.S. geol. Surv. 3: 213. USA.

Syntype: 1 ♀, CNC No. 2146.

"♀"; Geysers, Cal. May 5-7 Osten Sacken/ O. Sacken West. Dipt/ Clitellaria rustica O.S./ Type 12585/ PARATYPE Clitellaria rustica O.S. No. 2146/ SYNTYPE Clitellaria rustica O.S. CNC No. 2146.

Cyphomyia erecta McFadden *in* McFadden & James, 1969, J. Kans. ent. Soc. 42: 315. MEXICO.

Holotype ♀: 5 mi. W. Durango Dgo. MEX. 6500' July 22, 1964, J.F. McAlpine/ HOLOTYPE

- Cyphomyia erecta McFadden, CNC No. 18043/
HOLOTYPE ♀, Cyphomyia erecta McFadden.
Allotype ♂: Same data except July 23, 1964.
Paratypes: 5♂♂, 1♀, Mexico.
- Dactylodeictes brevifacies** James, 1974, Melanderia 14: 27.
PERU.
Holotype ♀: Avispas, Madre de Dios, PERU,
10-20.IX.1962, 400 m. L. Peña/ HOLOTYPE
Dactylodeictes brevifacies James, CNC No.
13525/ HOLOTYPE ♀, Dactylodeictes
brevifacies James.
Paratypes: 9♀♀, Peru.
Remarks: The collection date for the holotype is
10-20.IX.1962, not 10-20.XI.1962 as published.
- Dactylodeictes medius** James, 1974, Melanderia 14: 27.
ECUADOR.
Holotype ♀: Coca, Napo R. Napo, ECUADOR,
V.1965, 250 m., L. Peña/ HOLOTYPE
Dactylodeictes medius James CNC No. 13527/
HOLOTYPE Dactylodeictes medius James.
Paratypes: 1♀, Ecuador; 1♀, Peru.
- Dactylodeictes tomentosus** James, 1974, Melanderia 14: 26.
PERU.
Holotype ♀: Avispas, Madre de Dios, PERU,
1-15.X.1962, 400 m. L. Peña/ HOLOTYPE
Dactylodeictes tomentosus James, CNC No.
13526/ HOLOTYPE Dactylodeictes tomentosus
James.
Paratype: 1♀, Peru.
Remarks: The holotype was collected on 1-15.X.
1962, not 1-15.XI. 1962 as published.
- Eidalimus lineatus** James *in* James, McFadden & Woodley,
1980, Melanderia 34: 26. MEXICO.
Holotype ♀: MEXICO, Chis. 20-25 mi. N. Huixtla
3000', 2.VI.1969, B.V. Peterson/ HOLOTYPE
Eidalimus lineatus James, CNC No. 18041/
HOLOTYPE ♀, Eidalimus lineatus James.
Remarks: The holotype is missing both wings.
- Euparyphus latelimbatus** Curran, 1927d, Trans. R. Soc. Can.
ser. 3. 21: 219. CANADA.
Holotype ♂: Waterton, Alta., July 9, 1923, H.L.
Seamans/ HOLOTYPE Euparyphus latelimbatus
Curran, CNC No. 2347.
Allotype ♀: Same data as holotype.
Paratypes: 3♂♂, 1♀, Alberta.
- Euparyphus limbiventris** Curran, 1927d, Trans. R. Soc. Can.
ser. 3. 21: 217. CANADA.
Holotype ♂: Aweme, Man., 20.VII.1917, N.
Criddle/ HOLOTYPE Euparyphus limboventris
[sic] Curran, CNC No. 2346.
Allotype ♀: Same data as holotype.
Paratypes: 2♀♀, Manitoba.
Remarks: The holotype, allotype and paratype labels
have *limbiventris* spelled *limboventris*.
- Euparyphus nicolensis** Curran, 1927d, Trans. R. Soc. Can.
ser., 3. 21: 221. CANADA.
Holotype ♀: Nicola, B.C., 25.VII.1925, N. Criddle/
HOLOTYPE Euparyphus nicolensis Curran,
CNC No. 2344.
- Euparyphus nigrostigma** Curran, 1927d, Trans. R. Soc. Can.
ser. 3. 21: 220. CANADA.
Holotype ♀: Ottawa, Ont., 26.VII.1924, C.H.
Curran/ HOLOTYPE Euparyphus nigrostigma
Curran, CNC No. 2361.
Remarks: The left wing is missing from the
holotype.
- Euparyphus octomaculatus** Curran, 1927d, Trans. R. Soc. Can.
ser. 3. 22: 222. CANADA.
Holotype ♀: Penticton, B.C., 9.VIII.1922, W.B.
Anderson/ HOLOTYPE Euparyphus
octomaculatus Curran, CNC No. 2345.
- Hedrestia digitata** James, 1975, Melanderia 20: 20. CHILE.
Holotype ♀: Dalcahue, Isla Chiloe, Chiloe, CHILE,
1-8.II.62 Peña/ HOLOTYPE Hedrestia digitata
James, CNC No. 17954/ HOLOTYPE Hedrestia
digitata ♀ James.
Paratypes: 2♀♀, Chile.
- Labostigmia atriventris** James *in* James & McFadden, 1979,
Melanderia 32: 26. MEXICO.
Holotype ♀: Portrerillos, Sin., 15 mi. W. El
Palmito, MEX., 16.VII.1964 J.F. McAlpine
5000' (green blank label)/ HOLOTYPE
Labostigmia atriventris James, CNC No.
17996/ HOLOTYPE Labostigmia atriventris ♀,
James.
- Labostigmia macalpini** James *in* James & McFadden, 1979,
Melanderia 32: 27. MEXICO.
Holotype ♀: 4.5 mi. W. El Palmito, Sin., MEX.,
6300' July 17, 1964 J.F. McAlpine/ (green
blank label)/ HOLOTYPE Labostigmia
macalpini James, CNC No. 17995/
HOLOTYPE Labostigmia macalpini ♀, James.
Paratype: 1♂, Mexico.
- Lobisquama barbata** James *in* James & McFadden, 1982,
Melanderia 40: 18. MEXICO.
Holotype ♀: MEX. Chiapas, San Cristobal, 7000',
22 May, 1969, H.J. Teskey/ HOLOTYPE
Lobisquama barbata James, CNC No. 17993/
HOLOTYPE Lobisquama barbata ♀, James.
Paratypes: 2♀♀, Mexico.
- Macromeracis epsilon** James, 1975, Melanderia 20: 8. CHILE.
Holotype ♂: Puerto Cisnes, 72°40'W. 44°45'S.
Aysen, CHILE, 16-28.II.'61. Peña/
HOLOTYPE Macromeracis epsilon James,
CNC No. 15346/ HOLOTYPE Macromeracis
epsilon ♂ James.
Paratypes: 10♂♂, 7♀♀, Chile.

Remarks: There are an additional 4♂♂ and 1♀ labeled as paratypes with collection data that do not agree with the localities given in the original description.

Macromeracis nana James, 1975, Melanderia 20: 12. CHILE.

Holotype ♂: Rio Blanco, Aconcagua, CHILE, 31.III.1954, L. Peña/ HOLOTYPE
Macromeracis nana James, CNC No. 15347/
HOLOTYPE Macromeracis nana ♂ James.

Paratypes: 2♂♂, 1♀, Chile.

Macromeracis trigonifera James, 1975, Melanderia 20: 10. CHILE.

Holotype ♂: Dalcahue, Isla Chiloe, Chiloe, CHILE, 17-22.I.62. Peña/ HOLOTYPE Macromeracis trigonifera James, CNC No. 15348/
HOLOTYPE Macromeracis trigonifera ♂ James.

Paratypes: 4♂♂, 4♀♀, Chile.

Merosargus albidus McFadden *in* James & McFadden, 1971, Melanderia 7: 8. MEXICO.

Holotype ♂: Portrerillos, Sin., 15 mi. W. El Palmito, MEX., 8.VII.1964 J.F. McAlpine 5000'/ HOLOTYPE Merosargus albidus McFadden, CNC No. 11890/ HOLOTYPE Merosargus albidus ♂ McFadden/ (blank blue label).

Merosargus albopictus James *in* James & McFadden, 1971, Melanderia 7: 27. PERU.

Holotype ♀: Avispas, Madre de Dios, PERU, 20-30.IX.1962, L. Peña, 400 m./ HOLOTYPE Merosargus albopictus James, CNC No. 11869/
HOLOTYPE Merosargus albopictus ♀ James.

Remarks: The left hind leg of the holotype is glued to the pin beneath the specimen.

Merosargus alticola McFadden *in* James & McFadden, 1971, Melanderia 7: 47. MEXICO.

Holotype ♀: MEXICO, Chis. San Cristobal de Las Casas, 7087', 27.VI.1969, B.V. Peterson/ HOLOTYPE Merosargus alticola McFadden, CNC No. 11929/ HOLOTYPE Merosargus alticola ♀ McFadden/ CNC.

Merosargus ampulla James *in* James & McFadden, 1971, Melanderia 7: 4. PERU.

Holotype ♂: Avispas, Madre de Dios, PERU, 1-15.X.1962, L. Peña, 400 m./ HOLOTYPE Merosargus ampulla James, CNC No. 11857/
HOLOTYPE Merosargus ampulla ♂ James
Allotype ♀: Same data as holotype.

Merosargus andinus James *in* James & McFadden, 1971, Melanderia 7: 28. PERU.

Holotype ♀: Quincemil, Cuzco, PERU, VIII.1962, L. Peña, 740 m./ HOLOTYPE Merosargus andinus James, CNC No. 11870/ HOLOTYPE Merosargus andinus ♀, James.

Paratypes: 2♀♀, Peru; 1♀, Ecuador.

Merosargus angustus James *in* James & McFadden, 1971, Melanderia 7: 29. PERU.

Holotype ♂: Avispas, Madre de Dios, PERU, 10-20.IX.1962, L. Peña, 400 m./ HOLOTYPE Merosargus angustus James, CNC No. 11875/
HOLOTYPE Merosargus angustus ♂ James.

Allotype ♀: Same data as holotype except 1-15.X.1962.

Paratypes: 4♂♂, 4♀♀, Peru.

Merosargus arcuatus James *in* James & McFadden, 1971, Melanderia 7: 33. ECUADOR.

Holotype ♂: Coca, Napo R., Napo, ECUADOR, V.1965, 250 m., L. Peña/ HOLOTYPE Merosargus arcuatus James, CNC No. 11876/
HOLOTYPE Merosargus arcuatus ♂, James.

Allotype ♀: Avispas, Madre de Dios, PERU, 10-20.IX.1962, L. Peña, 400 m./ ALLOTYPE Merosargus arcuatus James, CNC No. 11876/
ALLOTYPE Merosargus arcuatus James, CNC No. 11876/ ALLOTYPE Merosargus arcuatus ♀, James.

Paratypes: 1♂, 2♀♀, Ecuador; 2♂♂, 3♀♀, Peru.

Merosargus bivittatus James *in* James & McFadden, 1971, Melanderia 7: 10. PERU.

Holotype ♂: Quincemil, Cuzco, PERU, 13-31.VIII.62, L. Peña, 780 m./ HOLOTYPE Merosargus bivittatus James, CNC No. 11859/
HOLOTYPE Merosargus bivittatus ♂ James.

Allotype ♀: Same data as holotype except 700m., 1-15.XI.1962.

Remarks: The left front leg is missing from the holotype.

Merosargus citrinus James *in* James & McFadden, 1971, Melanderia 7: 47. PERU.

Holotype ♂: Quincemil, Cuzco, PERU, 13-31.VIII.62, L. Peña, 780 m./ HOLOTYPE Merosargus citrinus James, CNC No. 11883/
HOLOTYPE Merosargus citrinus ♂ James.

Allotype ♀: Same data as holotype except 700m., 1-15.XI.1962.

Paratypes: 5♂♂, 11♀♀, Peru.

Merosargus conopsoides James *in* James & McFadden, 1971, Melanderia 7: 45. ECUADOR.

Holotype ♂: Pompeya, Napo R., Pastaza, ECUAD., 14-22.V.1965, L. Peña/ HOLOTYPE Merosargus conopsoides James, CNC No. 11882/
HOLOTYPE Merosargus conopsoides ♂ James.

Allotype ♀: Coca, Napo R., Napo, ECUADOR, 25-30.IV.65, 250 m., L. Peña/ ALLOTYPE Merosargus conopsoides James, CNC No. 11882/
ALLOTYPE Merosargus conopsoides ♀ James.

Remarks: The CNC type number for the above species is 11882, not 11822 as published.

- Merosargus cyrtometopi*** James *in* James & McFadden, 1971, Melanderia 7: 28. PERU.
 Holotype ♀: Avispas, Madre de Dios, PERU, 10-20.IX.1962, L. Peña, 400 m./ HOLOTYPE *Merosargus cyrtometopi* James, CNC No. 11871/HOLOTYPE *Merosargus cyrtometopi* ♀ James.
 Remarks: Both middle legs are missing from the holotype.
- Merosargus divisus*** James *in* James & McFadden, 1971, Melanderia 7: 11. PERU.
 Holotype ♂: Quincemil, Cuzco, PERU, 13-31.VIII.62, L. Peña, 780 m./ HOLOTYPE *Merosargus divisus* James, CNC No. 11860/HOLOTYPE *Merosargus divisus* ♂ James.
 Allotype ♀: Same data as holotype except 700 m., 15-30.X.62.
 Remarks: The left middle leg is missing from the holotype.
- Merosargus elongatus*** James *in* James & McFadden, 1971, Melanderia 7: 13. PERU.
 Holotype ♂: Avispas, Madre de Dios, PERU, 20-30.IX.1962, L. Peña, 400 m./ HOLOTYPE *Merosargus elongatus* James, CNC No. 11861/HOLOTYPE *Merosargus elongatus* ♂ James.
 Allotype ♀: Same data as holotype.
 Paratypes: 6♂♂, 4♀♀, Peru; 1♂, Ecuador.
 Remarks: The CNC type number for this species is 11861, not 11860 as published.
- Merosargus flaviceps*** McFadden *in* James & McFadden, 1971, Melanderia 7: 38. MEXICO.
 Holotype ♂: MEXICO, Chiapas, Palenque Ruins, 23.VI.1969, B.V. Peterson/ HOLOTYPE *Merosargus flaviceps* McFadden, CNC No. 11892/ HOLOTYPE *Merosargus flaviceps* ♂, McFadden/ CNC.
 Remarks: Both wings are broken from the holotype. One wing is pinned under the locality label, the other is missing.
- Merosargus fumipennis*** James *in* James & McFadden, 1971, Melanderia 7: 42. ECUADOR.
 Holotype ♂: Tandapi, 40 km. SW., Quito, 1300-1500 m., ECUADOR, 15-21.VI.65, Peña/ HOLOTYPE *Merosargus fumipennis* James, CNC No. 11880/ HOLOTYPE *Merosargus fumipennis* ♂ James.
 Remarks: The date on the label of the holotype differs from the date of 12-21.VI.1965 published in the original description. The right middle leg is missing from the holotype.
- Merosargus geminatus*** James *in* James & McFadden, 1971, Melanderia 7: 29. PERU.
 Holotype ♂: Avispas, Madre de Dios, PERU, 10-20.IX.1962, L. Peña, 400 m./ HOLOTYPE *Merosargus geminatus* James, CNC No. 11872/ HOLOTYPE *Merosargus geminatus* ♂ James.
- Allotype ♀: Same data as holotype except 1-15.X.1962.
 Paratype: 1♂, Peru.
- Merosargus gracilior*** James *in* James & McFadden, 1971, Melanderia 7: 19. ECUADOR.
 Holotype ♂: Libertad, Tena, ECUADOR, 22.V.63, Peña/ HOLOTYPE *Merosargus gracilior* James, CNC No. 11864/ HOLOTYPE *Merosargus gracilior* ♂ James.
 Allotype ♀: Avispas, Madre de Dios, PERU, 10-20.IX.1962, L. Peña, 400 m./ ALLOTYPE *Merosargus gracilior* James, CNC No. 11864/ ALLOTYPE *Merosargus gracilior* ♀ James.
 Paratypes: 1♂, 5♀♀, Peru; 1♀, Ecuador.
 Remarks: The right wing is missing from the allotype.
- Merosargus granulosus*** James *in* James & McFadden, 1971, Melanderia 7: 20. ECUADOR.
 Holotype ♂: Tandapi, 40 km. SW. Quito, 1300-1500 m. ECUADOR, 15-21.VI.65, Peña/ HOLOTYPE *Merosargus granulosus* James, CNC No. 11866/ HOLOTYPE *Merosargus granulosus* ♂ James.
- Merosargus irwini*** James & McFadden, 1971, Melanderia 7: 6. MEXICO.
 Holotype ♂: MEX. Chis. 3200 ft., 25 mi. N. Huixtla, 4, June, 1969, Malaise trap/ HOLOTYPE *Merosargus irwini* James & McFadden, CNC No. 11893/ HOLOTYPE *Merosargus irwini* ♂ James & McFadden.
 Remarks: In the original description *Merosargus* is spelled *Merosarges*.
- Merosargus lacrimosus*** James *in* James & McFadden, 1971, Melanderia 7: 34. PERU.
 Holotype ♂: Quincemil, Cuzco, PERU, 1-15.XI.1962, L. Peña, 700 m./ HOLOTYPE *Merosargus lacrimosus* James, CNC No. 11878/ HOLOTYPE *Merosargus lacrimosus* ♂ James.
 Allotype ♀: Same data as holotype.
 Paratypes: 1♂, 2♀♀, Peru.
 Remarks: The right middle leg is missing from the holotype.
- Merosargus laniger*** James *in* James & McFadden, 1971, Melanderia 7: 48. ECUADOR.
 Holotype ♀: Coca, Napo R., Napo, ECUADOR, V.1965 250 m., L. Peña/ HOLOTYPE *Merosargus laniger* James, CNC No. 11885/ HOLOTYPE *Merosargus laniger* ♀ James.
 Paratype: 1♀, Ecuador.
- Merosargus lateromaculatus*** James *in* James & McFadden, 1971, Melanderia 7: 15. ECUADOR.
 Holotype ♂: Libertad, Pena, ECUADOR, 22.V.63, Peña/ HOLOTYPE *Merosargus lateromaculatus* James, CNC No. 11863/ HOLOTYPE *Merosargus lateromaculatus* ♂ James.

Allotype ♀: Same data as holotype.
Paratypes: 5♂♂, 5♀♀, Ecuador; 2♂♂, 1♀, Peru.

Merosargus linearis James *in* James & McFadden, 1971,
Melanderia 7: 20. PERU.
Holotype ♂: Avispas, Madre de Dios, PERU,
10-20.IX.1962, L. Peña, 400 m./ HOLOTYPE
Merosargus linearis James, CNC No. 11865/
HOLOTYPE Merosargus linearis ♂ James.
Paratypes: 2♂♂, Peru.
Remarks: The altitude on the label of the type
specimens is 400 m., not 800 m., as published
in original description.

Merosargus lyricus ecuadorensis James & McFadden, 1971,
Melanderia 7: 11. ECUADOR.
Holotype ♂: Coca, Napo R., Napo, ECUADOR,
V.1965, 250 m., L. Peña/ HOLOTYPE
Merosargus lyricus ssp. ecuadorensis, CNC No.
11889/ HOLOTYPE Merosargus lyricus
ecuadorensis ♂, James & McFadden.
Allotype ♀: Same data as holotype.
Paratypes: 1♂, 1♀, Ecuador.
Remarks: The CNC type number for this species is
11889, not 11899 as published. In the original
description *Merosargus* is spelled *Merusargus*.

Merosargus lyricus incanus James & McFadden, 1971,
Melanderia 7: 11. PERU.
Holotype ♂: Quincemil, Cuzco, PERU,
1-15.XI.1962, L. Peña, 700 m./ HOLOTYPE
Merosargus lyricus ssp. incanus James & McF.,
CNC No. 11888/ HOLOTYPE Merosargus
lyricus incanus ♂, James & McFadden.
Allotype ♀: Same data as holotype.
Paratypes: 3♂♂, Peru.
Remarks: In the original description *Merosargus* is
spelled *Merusargus*.

Merosargus megalopyge James *in* James & McFadden, 1971,
Melanderia 7: 32. PERU.
Holotype ♂: Quincemil, Cuzco, PERU,
1-15.XI.1962, L. Peña, 700 m./ HOLOTYPE
Merosargus megalopyge James, CNC No.
11877/ HOLOTYPE Merosargus megalopyge ♂
James.
Allotype ♀: Same data as holotype.
Paratypes: 1♀, Peru; 1♀, Ecuador.
Remarks: The holotype, allotype and above paratype
from Peru were all collected 1-15.XI.1962, not
1-15.X.1962 as indicated in the original
description.

Merosargus melanothorax McFadden *in* James & McFadden,
1971, Melanderia 7: 17. MEXICO.
Holotype ♂: MEX. Chis. 3 mi., N. San Cristobal,
29.V.69, 7000', H.J. Teskey/ HOLOTYPE
Merosargus melanothorax McFadden, CNC No.
11895/ HOLOTYPE Merosargus melanothorax
♂ McFadden/ CNC.

Allotype ♀: MEX. Chis., 9600 ft. Zontehuitz, nr. S.
Crist., 19 May, 1969, W.R.M. Mason/
ALLOTYPE Merosargus melanothorax
McFadden, CNC No. 11895/ ALLOTYPE
Merosargus melanothorax ♀, McFadden/ CNC.
Paratypes: 3♂♂, Mexico.
Remarks: The right flagellum is missing from the
holotype.

Merosargus nebulifer James *in* James & McFadden, 1971,
Melanderia 7: 49. PERU.
Holotype ♂: Avispas, Madre de Dios, PERU,
10-20.IX.1962, L. Peña, 400 m./ HOLOTYPE
Merosargus nebulifer James, CNC No. 11884/
HOLOTYPE Merosargus nebulifer ♂ James.
Allotype ♀: Same data as holotype.
Paratypes: 15♂♂, 6♀♀, Peru; 1♀, Canal Zone.

Merosargus nigribasis James *in* James & McFadden, 1971,
Melanderia 7: 41. PERU.
Holotype ♂: Avispas, Madre de Dios, PERU,
1-15.X.1962, L. Peña, 400 M./ HOLOTYPE
Merosargus nigribasis James, CNC No. 11879/
HOLOTYPE Merosargus nigribasis ♂ James.

Merosargus penai James *in* James & McFadden, 1971,
Melanderia 7: 25. ECUADOR.
Holotype ♂: Coca, Napo R., Napo, ECUADOR,
25-30.IV.65, 250 m., L. Peña/ HOLOTYPE
Merosargus penai James, CNC No. 11868/
HOLOTYPE Merosargus penai ♂ James.
Allotype ♀: Same data as holotype except V.1965.
Paratype: 1♀, Ecuador.

Merosargus peruvianus James *in* James & McFadden, 1971,
Melanderia 7: 51. PERU.
Holotype ♂: Avispas, Madre de Dios, PERU,
1-15.X.1962, L. Peña, 400 m./ HOLOTYPE
Merosargus peruvianus James, CNC No. 11886/
HOLOTYPE Merosargus peruvianus ♂ James.
Allotype ♀: Same data as holotype.
Paratypes: 1♂, 6♀♀, Peru; 2♀♀, Ecuador.

Merosargus pictipes James *in* James & McFadden, 1971,
Melanderia 7: 30. PERU.
Holotype ♂: Avispas, Madre de Dios, PERU,
20-30.IX.1962, L. Peña, 400 m./ HOLOTYPE
Merosargus pictipes James, CNC No. 11873/
HOLOTYPE Merosargus pictipes ♂ James.
Allotype ♀: Same data as holotype except
10-20.IX.1962.
Paratypes: 13♂♂, 40♀♀, Peru; 1♂, 3♀♀, Ecuador.

Merosargus pseudolyricus James *in* James & McFadden, 1971,
Melanderia 7: 6. ECUADOR.
Holotype ♂: Coca, Napo R., Napo, ECUADOR,
V.1965, 250 m., L. Peña/ HOLOTYPE
Merosargus pseudolyricus James, CNC No.
11858/ HOLOTYPE Merosargus pseudolyricus
♂ James.

Remarks: The apical portion of the left wing of the holotype is missing. The CNC type number for this species is 11858, not 11854 as published.

Merosargus quadratus James *in* James & McFadden, 1971, Melanderia 7: 44. ECUADOR.
Holotype ♂: Jumboc Riv., Zamora, ECUAD., 1-2.IV.1965, 1200 m., L. Peña/ HOLOTYPE Merosargus quadratus James, CNC No. 11881/ HOLOTYPE Merosargus quadratus ♂ James.

Remarks: The date on the label of the holotype is 1-2.IV.1965, not 1-2.VI.1965 as published; the altitude is 1200 m., not 200m.

Merosargus tangens James *in* James & McFadden, 1971, Melanderia 7: 31. ECUADOR.
Holotype ♂: Coca, Napo R., Napo, ECUADOR, 25-30.IV.65, 250 m., L. Peña/ HOLOTYPE Merosargus tangens James, CNC No. 11874/ HOLOTYPE Merosargus tangens ♂ James.
Allotype ♀: Same data as holotype except V.1965.
Paratypes: 2♂♂, Ecuador; 1♀, Peru.

Merosargus transversus McFadden *in* James & McFadden, 1971, Melanderia 7: 15. MEXICO.
Holotype ♂: MEX. Ver. 1100 ft., Catemaco, 16-18.VI.1969, W.R.M. Mason/ HOLOTYPE Merosargus transversus McFadden, CNC No. 11897/ HOLOTYPE Merosargus transversus ♂ McFadden/ CNC.
Paratypes: 3♀♀, Peru.
Remarks: The left front leg is missing from the holotype.

Merosargus triangulatus McFadden *in* James & McFadden, 1971, Melanderia 7: 19. MEXICO.
Holotype ♂: MEX. Chis. 6500 ft., 20 mi N. Bochil, Yerba Buena, 9-10 June 1969, W.R.M. Mason/ HOLOTYPE Merosargus triangulatus McFadden, CNC No. 11891/ HOLOTYPE Merosargus triangulatus ♂ McFadden/ CNC.
Remarks: The CNC type number for this species is 11891, not 11897 as published. The left wing is missing from the holotype.

Merosargus tripartitus James *in* James & McFadden, 1971, Melanderia 7: 52. PERU.
Holotype ♂: Quincemil, Cuzco, PERU, 1-15.XI.1962, L. Peña, 700 m./ HOLOTYPE Merosargus tripartitus James, CNC No. 11887/ HOLOTYPE Merosargus tripartitus ♂ James.
Allotype ♀: Same data as holotype.
Remarks: The holotype and allotype were collected on 1-15.XI.1962, not 1-16.XI.1962 as published. In the original description *tripartitus* is spelled *tripartitis*. However on James' det. label, the index and Fig. 50, it is spelled *tripartitus*.

Merosargus varicrus James *in* James & McFadden, 1971, Melanderia 7: 23. ECUADOR.

Holotype ♂: Pompeya, Napo R., Pastaza, ECUAD., 14-22.V.1965, L. Peña/ HOLOTYPE Merosargus varicrus James, CNC No. 11867/ HOLOTYPE Merosargus varicrus ♂ James.
Allotype ♀: Same data as holotype.
Remarks: The left hind leg is missing from the holotype.

Merosargus ventralis McFadden *in* James & McFadden, 1971, Melanderia 7: 46. MEXICO.
Holotype ♂: MEXICO, Chiapas, 3 mi. N.E. San Cristobal, 8.VI.1969, B.V. Peterson/ HOLOTYPE Merosargus ventralis McFadden, CNC No. 11894/ HOLOTYPE Merosargus ventralis ♂ McFadden/ CNC.
Allotype ♀: Same data as holotype except 7087' elevation and 25.V.1969.
Remarks: The right wing is missing from the holotype.

Merosargus vertebratus James *in* James & McFadden, 1971, Melanderia 7: 14. PERU.
Holotype ♂: Avispas, Madre de Dios, PERU, 10-20.IX.1962, L. Peña, 400 m./ HOLOTYPE Merosargus vertebratus James, CNC No. 11862/ HOLOTYPE Merosargus vertebratus ♂ James.
Allotype ♀: Same data as holotype.
Paratypes: 1♂, 1♀, Peru.

Merosargus viridis McFadden *in* James & McFadden, 1971, Melanderia 7: 8. MEXICO.
Holotype ♂: MEXICO, Veracruz, Lake Catemaco, 17.VI.1969, B.V. Peterson/ HOLOTYPE Merosargus viridis McFadden, CNC No. 11896/ HOLOTYPE Merosargus viridis ♂ McFadden/ CNC.
Allotype ♀: MEX. Ver. 1100 ft., Catemaco, 16-18.VI.1969, W.R.M. Mason/ ALLOTYPE Merosargus viridis McFadden, CNC No. 11896/ ALLOTYPE Merosargus viridis McFadden.
Paratypes: 3♂♂, Mexico.

Microchrysa dichoptica James, 1957, Proc. ent. Soc. Wash. 59: 25. INDIA.
Holotype ♂: Kodaikanal, Pulney Hills, 6500', S. India, 9.XI.1953, P.S. Nathan/ HOLOTYPE Microchrysa dichoptica James, CNC No. 6365/ HOLOTYPE Microchrysa dichoptica ♂ James.
Allotype ♀: Same data as holotype except May 1953.
Paratype: 1♀, India.

Myxosargus pacificus James *in* James & McFadden, 1979, Melanderia 32: 6. MEXICO.
Holotype ♂: Portrerillos, Sin., 15 mi. W. El Palmito, MEX., 11.VII.1964, J.F. McAlpine 5000'/ [yellow blank label]/ HOLOTYPE Myxosargus pacificus James, CNC No. 18035/ HOLOTYPE Myxosargus pacificus ♀ James.

Remarks: James' handwritten label indicates the type is a female, but in fact it is a male, as listed in original description.

Myxosargus rugosifrons James *in* James & McFadden, 1979, Melanderia 32: 5. MEXICO.
Holotype ♀: MEXICO, Chiapas, San Cristobal de las Casas. Elev. 11000', 5.VIII.1962, H.E. Milliron/HOLOTYPENomotelus rugosifrons James, CNC No. 18036/ HOLOTYPENomotelus rugosifrons James.
Paratype: 1 ♀, Mexico.

Nemotelus bruesii Melander, 1903a, Psyche 10: 179. USA.
Syntype: 1 ♀, CNC No. 352.
"♀"; Austin Tex/ COTYPENomotelus bruesii Mel./ PARATYPENomotelus bruesii Melander No. 352/ Nemotelus bruesii Mel./ SYNTYPENomotelus bruesii Melander CNC No. 352.

Nemotelus chilensis James, 1974, Melanderia 14: 9. CHILE.
Holotype ♂: El Noviciado, Santiago, CHILE, 2-4.X.1954, L.E. Peña/ HOLOTYPENomotelus chilensis James, CNC No. 6366/ HOLOTYPENomotelus chilensis James.
Paratypes: 24 ♂♂, 9 ♀♀, Chile.

Nemotelus chlorhimas James, 1974, Melanderia 14: 15. ECUADOR.
Holotype ♀: Tarqui, 2800 m., Azuay, ECUADOR, 7-8.III.65, Peña/ HOLOTYPENomotelus chlorhimas James, CNC No. 13517/ HOLOTYPENomotelus chlorhimas James.
Paratype: 1 ♀, Ecuador.

Nemotelus contiguus James, 1974, Melanderia 14: 15. ECUADOR.
Holotype ♂: Bolivar, Chota R., Carchi, ECUADOR elev. 2000 m. 10.VI.65, L. Peña/ HOLOTYPENomotelus contiguus James, CNC No. 13520/ HOLOTYPENomotelus contiguus James.

Nemotelus convexiceps James, 1974, Melanderia 14: 16. ECUADOR.
Holotype ♂: 10 km. W. Sta. Isabel Azuay, ECUADOR, 10-13.III.1965, 1500 m., L. Peña/ HOLOTYPENomotelus convexiceps James, CNC No. 13524/ HOLOTYPENomotelus convexiceps James.
Paratype: 1 ♀, Peru.

Nemotelus fuegensis James, 1974, Melanderia 14: 11. CHILE.
Holotype ♂: Bahía Felipe, N. Tierra do Fuego, Magellanes, CHILE, 8.XII.1960, Peña/ HOLOTYPENomotelus fuegensis James, CNC No. 13518/ HOLOTYPENomotelus fuegensis James.
Paratype: 1 ♂, Chile.

Nemotelus hirsutissimus James, 1974, Melanderia 14: 12. CHILE.

Holotype ♂: Mucar, 23°20'S. on Argentina bord. 4000-4100 m. Antofagasta, CHILE, 12-16.XII.65, Peña/ HOLOTYPENomotelus hirsutissimus James, CNC No. 13523/ HOLOTYPENomotelus hirsutissimus James.
Paratypes: 4 ♂♂, Chile.

Nemotelus incurvatus James, 1974, Melanderia 14: 16. ECUADOR.
Holotype ♂: Salcedo, 2650 m., Cotopaxi, ECUAD., 22.II.65, L. Peña/ HOLOTYPENomotelus incurvatus James, CNC No. 13521/ HOLOTYPENomotelus incurvatus James.
Paratypes: 9 ♂♂, 3 ♀♀, Ecuador.

Nemotelus magellanicus James, 1974, Melanderia 14: 10. CHILE.
Holotype ♂: Lag. Amarga, Natales, E. of Mt. Payne, 200 m. Megellanes, CHILE, 14-20.XII.60, Peña/ HOLOTYPENomotelus magellanicus James, CNC No. 18047/ HOLOTYPENomotelus magellanicus James.
Paratypes: 15 ♂♂, 1 ♀, Chile.

Nemotelus melanderi Banks, 1920, Can. Ent. 52: 65. USA.
Syntypes: 2 ♂♂, CNC No. 2148.
"♂"; Chesapeake, Bch. Md. 9.VII./ Collection N. Banks/ TYPE 13488/ PARATYPENomotelus melanderi Bks. No. 2148/ SYNTYPENomotelus melanderi Banks, CNC No. 2148.
"♂"; Chesapeake Bch. Md. 9.VII./ Collection N. Banks/ TYPE 13488/ PARATYPENomotelus melanderi Banks No. 2148/ Nemotelus melanderi Banks Det. W.J. Hanson/ SYNTYPENomotelus melanderi Banks, CNC No. 2148.
Remarks: The above specimens each have a red Museum of Comparative Zoology type label, number 13488.

Nemotelus penai James, 1974, Melanderia 14: 17. ECUADOR.
Holotype ♂: 10 km. S. Cuenca, Azuay, ECUADOR, 13-14.III.1965, 2200m., L. Peña/ HOLOTYPENomotelus penai James, CNC No. 13522/ HOLOTYPENomotelus penai James.
Paratypes: 4 ♂♂, 1 ♀, Ecuador.

Nemotelus plesius Curran, 1927d, Trans. R. Soc. Can. ser. 3. 21: 225. USA.
Holotype ♂: Lincoln, Nebr., (Salt Basin) VI-26-1909, F.H. Shoemaker/ HOLOTYPENomotelus plesius Curran, CNC No. 2343.
Allotype ♀: Payne County, Oklahoma, V-24-1924, W.J. Brown/ ALLOTYPENomotelus plesius Curran, CNC No. 2343/ Nemotelus plesius Curran, Det. C.H. Curran.

Nemotelus poecilohimas James, 1974, Melanderia 14: 13. ECUADOR.

- Holotype ♂: Canar, el. 2800 m., Canar, ECUADOR, 6-7.III.65, Peña/ HOLOTYPE Nemotelus poecilohimas James, CNC No. 13519/ HOLOTYPE Nemotelus poecilohimas James.
Paratype: 1 ♀, Ecuador.
- Nemotelus trinotatus* Melander, 1903a, Psyche 10: 180. USA.
Syntypes: 1 ♂, 1 ♀, CNC No. 351.
"♂, ♀"; Austin Tex./ COTYPE Nemotelus trinotatus Mel./ PARATYPE Nemotelus trinotatus Mel. No. 351/ Nemotelus trinotatus Mel./ SYNTYPE Nemotelus trinotatus Mel. CNC No. 351.
- Neoexaireta gracilis* James, 1975, Melanderia 20: 16. CHILE.
Holotype ♂: CARAMAVIDA, Nahuelbuta (W)/ (Arauco) 1200, 1400 mt 1,6-Enero-1954, Coll: L.E. Peña/ Neoexaireta gracilis ♂ James HOLOTYPE/HOLOTYPE Neoexaireta gracilis James, CNC No. 21120.
- Neoexaireta solvoides* James, 1975, Melanderia 20: 19. CHILE.
Holotype ♀: Rio Blanco, Curacautin Malleco, CHILE, 11.64. Peña 1100 m./ Neoexaireta solvoides James ♀ HOLOTYPE/ HOLOTYPE Neoexaireta solvoides James, CNC No. 15349.
Paratype: 1 ♀, Chile.
- Neoexaireta therevoides* James, 1975, Melanderia 20: 18. CHILE.
Holotype ♀: Rio Maniguales 72°30'W. 45°25'S. Aysen, CHILE, 26-28.I.'61. Peña/ Neoexaireta therevoides ♀ James HOLOTYPE/ HOLOTYPE Neoexaireta therevoides James, CNC No. 21121.
- Odontomyia alberta* Curran, 1922h, Can. Ent. 54: 279. CANADA.
Holotype ♂: Banff, Alta., 25.VIII.1922, C.B.D. Garrett/ HOLOTYPE Odontomyia alberta Cur. CNC No. 502.
Allotype ♀: Same data as holotype.
Paratypes: 1 ♂, 3 ♀, Alberta.
- Odontomyia fulvicornis* Curran, 1927, Trans. R. Soc. Can. ser. 3 21: 213. USA.
Holotype ♀: Wichita Natl. Forest, Okla., VI-6-1926, W.J. Brown/ HOLOTYPE ♀ Odontomyia fulvicornis Curran, CNC No. 2353.
- Odontomyia megantica* Curran, 1925e, Can. Ent. 57: 254. CANADA.
Holotype ♂: Megantic, Que., 20.VI.1923, C.H. Curran/ HOLOTYPE Odontomyia megantica Curran, CNC No. 700.
Allotype ♀: Same data as holotype.
Paratypes: 3 ♂♂, Quebec; 1 ♀, Ontario.
- Odontomyia melantera* James, 1939, Bull. Brooklyn ent. Soc. 34: 220. CANADA.
- Holotype ♂: Ottawa, Ont., 3.VI.1914, J.I. Beaulne/ HOLOTYPE Odontomyia melantera James, CNC No. 4898/ HOLOTYPE ♂ Odontomyia melantera James.
- Odontomyia pacifica* Curran, 1927d, Trans. R. Soc. Can. ser. 3, 21: 215. USA.
Holotype ♀: Stan. U. Ca. Sept 190/ HOLOTYPE Odontomyia pacifica ♀ Curran, CNC No. 2359.
Allotype ♂: Same data as holotype.
- Odontomyia truquii* var. *innotata* Curran, 1927d, Trans. R. Soc. Can. ser. 3, 21: 210. CANADA.
Holotype ♂: Riding Mts. Man., 15.VII.26, G.S. Brooks/ HOLOTYPE Odontomyia truquii innotata Curr., CNC No. 2354/ O. truquii innotata Curran det. C.H. Curran.
Allotype ♀: Oak Creek Canon Ariz. 6000 ft., July F.H. Snow/ ALLOTYPE O. truquii innotata Curran, CNC No. 2354.
Paratype: 1 ♂, Manitoba.
- Oplachantha atricalx* James, 1977, Can. Ent. 109: 311. PERU.
Holotype ♂: Quincemil, Cuzco, PERU 1-15.XI.1962, L. Peña, 700 m./ HOLOTYPE Oplachantha atricalx James, CNC No. 15352/ HOLOTYPE Oplachantha atricalx ♂ James.
Remarks: The holotype was collected 1-15.XI.1962 not 1-15.X.62 as cited in the original description.
- Oplachantha atriceps* James, 1977, Can. Ent. 109: 314. PERU.
Holotype ♀: Quincemil, Cuzco, PERU, 1-15.XI.1962, L. Peña, 700 m./ HOLOTYPE Oplachantha atriceps James, CNC No. 17957/ HOLOTYPE Oplachantha atriceps ♀ James/ CNC.
- Oplachantha divisa* James, 1977, Can. Ent. 109: 313. ECUADOR.
Holotype ♂: Coca, Napo R. Napo, ECUADOR, 25-30.IV.65, 250 m., L. Peña/ HOLOTYPE Oplachantha divisa James, CNC No. 17956/ HOLOTYPE Oplachantha divisa ♂ James.
Paratypes: 39 ♂♂, 30 ♀♀, Ecuador; 3 ♂♂, Peru.
Remarks: The abdomen of the holotype is glued to the locality label.
- Oxycera hispanica* Lyneborg, 1969, Ent. Meddr. 37: 263. SPAIN.
Holotype ♂: Sierra Nevada Highway, SPAIN, 1650 m./ 27.VII.1960 J.R. Vockeroth/ HOLOTYPE Oxycera hispanica Lyneborg, CNC No. 18044/ HOLOTYPE ♂ Oxycera hispanica n.sp. Lyneborg 1967.
Paratypes: 2 ♀♀, Spain.
Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.

- Pachygaster flavipennis* Hull, 1942a, Bull. Brooklyn ent. Soc. 37: 71. HONDURAS.
Holotype ♀: Puerto Castilla, Hond., 21-XI-26, R.H. Painter Col./ HOLOTYPE *Pachygaster flavipennis* Hull, CNC No. 18204/ HOLOTYPE *flavipennis* Hull.
- Panacris funebris* James *in* James, McFadden & Woodley, 1980, Melanderia 34: 7. PERU.
Holotype ♀: Avispas, Madre de Dios, PERU, 10-20.IX.1962, L. Peña 400 m./ HOLOTYPE *Panacris funebris* James, CNC No. 18037/ HOLOTYPE ♀ *Panacris funebris*, James.
Paratypes: 2♀♀, Peru.
Remarks: The date on the label of the holotype is 10-20.IX.1962, not 10-20.X.1962 as published.
- Parhadrestia curico* Woodley, 1986, Syst. Ent. 11: 385. CHILE.
Holotype ♂: Estero la Jaula Curico, CHILE, 1.1964 L. Peña, Nothofagus/ HOLOTYPE *Parhadrestia curico* Woodley, CNC No. 21119/ HOLOTYPE ♂ *Parhadrestia curico* N.E. Woodley.
Remarks: The holotype has its terminalia stored in glycerine in a plastic microvial that is pinned with the specimen.
- Popanomyia kerteszi* James & Woodley *in* James, McFadden & Woodley, 1980, Melanderia 34: 24. PERU.
Holotype ♀: Avispas, Madre de Dios, PERU, 1-15.X.1962, L. Peña 400 m./ HOLOTYPE *Popanomyia kerteszi*, James & Woodley, CNC No. 17188/ HOLOTYPE ♀, *Popanomyia kerteszi*, James & Woodley.
Paratypes: 1♂, 4♀♀, Peru.
- Ptecticus alticola* McFadden *in* James & McFadden, 1982, Melanderia 40: 34. MEXICO.
Holotype ♀: MEX. Chis. 7000 ft. 20 mi. N. Bochil, Y. Buena, cloud for. Mason, 10 June, 1969/ HOLOTYPE *Ptecticus alticola* McFadden, CNC No. 17989/ HOLOTYPE *Ptecticus alticola* ♀, McFadden.
Paratype: 1♀, Mexico.
Remarks: The abdomen of the holotype is glued to the locality label. The left wing is missing from the holotype and the right wing is badly damaged.
- Ptecticus fuscipennis* McFadden *in* James & McFadden, 1982, Melanderia 40: 30. MEXICO.
Holotype ♂: MEX. Ver. 1100 ft., Catemaco 16-18.VI.1969, W.R.M. Mason/ HOLOTYPE *Ptecticus fuscipennis* McFadden, CNC No. 17992/ HOLOTYPE *Ptecticus fuscipennis* ♂ McFadden.
Paratype: 1♂, Mexico.
- Ptecticus linearis* McFadden *in* James & McFadden, 1982, Melanderia 40: 28. MEXICO.
Holotype ♂: 3 mi. E. El Salto, Dgo., MEX., 8200' July 4, 1964 J.F. McAlpine/ HOLOTYPE *Ptecticus linearis* McFadden, CNC No. 17991/ HOLOTYPE *Ptecticus linearis* ♂ McFadden.
Paratypes: 1♂, 2♀♀, Mexico.
- Ptecticus petersoni* McFadden *in* James & McFadden, 1982, Melanderia 40: 29. MEXICO.
Holotype ♂: MEXICO, Chis. San Cristobal de Las Casas, 7087', 13.VI.1969, B.V. Peterson/ HOLOTYPE *Ptecticus petersoni* McFadden, CNC No. 17986/ HOLOTYPE *Ptecticus petersoni* ♂ McFadden.
Paratypes: 5♀♀, Mexico.
- Ptecticus septentrionalis* McFadden *in* James & McFadden, 1982, Melanderia 40: 34. MEXICO.
Holotype ♀: Chippingue, Mesa Monterrey, N.L., MEX., VIII.26-29.1960, H.F. Howden/ Malt Trap/ HOLOTYPE *Ptecticus septentrionalis* McFadden, CNC No. 17988/ HOLOTYPE *Ptecticus septentrionalis* ♀, McFadden.
Paratype: 1♀, Mexico.
- Ptecticus spatulatus* McFadden *in* James & McFadden, 1982, Melanderia 40: 35. MEXICO.
Holotype ♂, 4.5 mi. W. El Palmito, Sin. MEX., 6500' July 20, 1964, J.F. McAlpine/ HOLOTYPE *Ptecticus spatulatus* McFadden, CNC No. 17987/ HOLOTYPE *Ptecticus spatulatus* ♂ McFadden.
Remarks: The holotype has its terminalia stored in glycerine in a plastic microvial that is pinned with the specimen.
- Sargus elongatulus* McFadden *in* James & McFadden, 1982, Melanderia 40: 7. MEXICO.
Holotype ♂: 10 mi. W. El Salto, Dgo. MEXICO, 9000', 26.VI.1964, J.E.H. Martin/ HOLOTYPE *Sargus elongatulus* McFadden, CNC No. 17983/ HOLOTYPE *Sargus elongatulus* ♂ McFadden.
Paratypes: 2♂♂, Mexico.
Remarks: The left wing is missing from the holotype.
- Sargus persimilis* McFadden *in* James & McFadden, 1982, Melanderia 40: 9. MEXICO.
Holotype ♂: MEX. Chis. 6500 ft. 20 mi N. Bochil, Yerba Buena 25 June, 1969, W.R.M. Mason/ HOLOTYPE *Sargus persimilis* McFadden, CNC No. 17981/ HOLOTYPE *Sargus persimilis* ♂, McFadden/ PARATYPE *Sargus persimilis* McFadden, CNC No. 17981/ PARATYPE *Sargus persimilis* ♀ McFadden.
Paratype: 1♀, Mexico.
Remarks: The holotype and paratype are on the same pin.
- Sargus petersoni* McFadden *in* James & McFadden, 1982, Melanderia 40: 15. MEXICO.

Holotype ♀: MEXICO, Chis. 20-25 mi. N. Huixtla, 3000', 4.VI.1969, B.V. Peterson/ HOLOTYPE Sargus petersoni McFadden, CNC No. 17980/ HOLOTYPE Sargus petersoni ♀ McFadden.

Remarks: The date on the label of the holotype is 4.VI.1969, not 4.VII.1969 as published; the distance is 20 to 25 miles, not 22 to 25 miles.

Sargus pleuriticus McFadden *in* James & McFadden, 1982, Melanderia 40: 10. MEXICO.

Holotype ♂: MEX. Chis. 6500 ft., 20 mi N. Bochil, Yerba Buena, 24 June 1969, W.R.M. Mason/ HOLOTYPE Sargus pleuriticus McFadden, CNC No. 17984/ HOLOTYPE Sargus pleuriticus ♂ McFadden.

Sargus punctatus McFadden *in* James & McFadden, 1982, Melanderia 40: 14. MEXICO.

Holotype ♀: Portrerillos, Sin., 15 mi. W. El Palmito, MEX. 11.VII.1964, J.F. McAlpine 5000'/ HOLOTYPE Sargus punctatus McFadden, CNC No. 17985/ HOLOTYPE Sargus punctatus ♀ McFadden.

Stratiomys browni Curran, 1927d, Trans. R. Soc. Can. ser. 3, 21: 202. USA.

Holotype ♂: Payne County, Oklahoma, V-3-1924, W.J. Brown/ HOLOTYPE ♂ Stratiomys browni Curran, CNC No. 2340/ Stratiomys browni Curran, det. C.H. Curran.

Allotype ♀: Same data as holotype.

Paratypes: 10♂♂, 3♀♀, Oklahoma.

Stratiomys discaloides Curran, 1922h, Can. Ent. 54: 281. CANADA.

Holotype ♂: Chilcotin, B.C., 4.VI.1920, E.R. Buckell/ HOLOTYPE S. discaloides Curr., CNC No. 503.

Allotype ♀: Same data except 10.VI.1920.

Paratype: 1♀, British Columbia.

Remarks: In the original description the generic name is spelled as *Stratiomyia*

Stratiomys velutina Curran, 1922h, Can. Ent. 54: 283. CANADA.

Holotype ♂: Aspen Grove, B.C., 15.VI.1922, P.N. Vroom/ HOLOTYPE S. velutina Curran, CNC No. 504.

Paratype: 1♂, British Columbia.

Remarks: In the original description the generic name is spelled as *Stratiomyia*.

Thopomyia kerteszi James, 1974, Melanderia 14: 30. PERU.

Holotype ♂: Avispas, Madre de Dios, PERU, 20-30.IX.1962, L. Peña 400 m./ HOLOTYPE Thopomyia kerteszi James, CNC No. 13528/ HOLOTYPE ♂ Thopomyia kerteszi James.

Paratypes: 1♂, 13♀♀, Peru.

Zabrachia latigena James *in* James, McFadden & Woodley, 1980, Melanderia 34: 15. MEXICO.

Holotype ♀: Ixmiquilpan, 1700' Hidalgo, Mexico, 29-VII-1954, J.G. Chillcott/ HOLOTYPE Zabrachia latigena James, CNC No. 18052/ HOLOTYPE ♀ Zabrachia latigena James.

Zabrachia pusilla James *in* James, McFadden & Woodley, 1980, Melanderia 34: 14. MEXICO.

Holotype ♀: MEXICO, Guerrero, Iguala, 5000', 18.VII.1962, H.E. Milliron/ HOLOTYPE Zabrachia pusilla James, CNC No. 18040/ HOLOTYPE ♀ Zabrachia pusilla James.

Remarks: The left wing is missing from the holotype.

SYRPHIDAE

Alipumilio avispas Vockeroth, 1964, Can. Ent. 96: 924. PERU.

Holotype ♀: Avispas, Madre de Dios, PERU, 20-30.IX.1962, L. Peña, 400 m./ Alipumilio HOLOTYPE avispas Vockeroth, CNC No. 8424.

Alipumilio pullatus Vockeroth, 1964, Can. Ent. 96: 923. PERU.

Holotype ♀: Avispas, Madre de Dios, PERU, 20-30.IX.1962, L. Peña, 400 m./ Alipumilio HOLOTYPE pullatus Vockeroth, CNC No. 8423.

Aemosyrphus canadensis Curran, 1922f, Can. Ent. 54: 94. CANADA.

Holotype ♂: Radisson, Sask./ 29.VII.1907, James Fletcher/ HOLOTYPE Aemosyrphus canadensis Curr., CNC No. 273.

Paratypes: 2♂♂, Saskatchewan.

Baccha beatricea Hull, 1942b, Ohio J. Sci. 42: 73. BRAZIL.

Holotype ♀: S. Paulo, XII.40, Cid Jardins, J. Lane Coll./ Holotype beatricea/ HOLOTYPE Baccha beatricea Hull, CNC No. 20504.

Baccha brunnipennis Hull, 1942b, Ohio J. Sci. 42: 73. BRAZIL.

Holotype ♂: S. Paulo, Osasco, 6.IV.39, J. Lane coll./ Holotype brunnipennis Acces./ Baccha brunnipennis Hull/ HOLOTYPE Baccha brunnipennis Hull, CNC No. 20505.

Remarks: Both antennae are missing from the holotype.

Baccha cecrops Hull, 1958a, Studia ent. 1: 429. PERU.

Holotype ♀: Chanchamayo, Peru, 7.3.48, J. Schunke 1100 m./ 122/ Holotype Baccha cecrops Hull/ HOLOTYPE Baccha cecrops Hull, CNC No. 20506.

Baccha cobboldia Hull, 1958a, Studia ent. 1: 431. PERU.

Holotype ♀: Chanchamayo, Peru, 8.19.48, J. Schunke, 1100m./ Holotype Baccha cobboldia Hull/ HOLOTYPE Baccha cobboldia Hull, CNC No. 20507.

- Baccha cordelia*** Hull, 1949a, Entomologica am. (1947) 27: 186. PERU.
Holotype ♀: Pucallpa, Peru, J. Schunke, Dec. 12, 1947/ cordelia/ HOLOTYPE *Baccha cordelia* Hull, CNC No. 20508.
- Baccha currani*** Hull, 1941a, Bull. Brooklyn ent. Soc. 36: 167. PANAMA.
Holotype ♂: (No locality label) Holotype *currani* Acces./HOLOTYPE *Baccha currani* Hull, CNC No. 20509.
Remarks: In the original description Hull indicates the locality as Barro Colorado, Panama. Most of the right wing is missing from the holotype.
- Baccha diana*** Hull, 1947, Revta Ent., Rio de J. 18: 408. BRITISH GUIANA.
Holotype ♂: Georgetown Br. Guiana/ HOLOTYPE *Baccha diana* Hull/ *Baccha diana* Hull, Holotype/ HOLOTYPE *Baccha diana* Hull, CNC No. 20510.
Remarks: The right wing is missing from the holotype.
- Baccha dolorosa*** Hull, 1950a, Revta Ent., Rio de J. 21: 225. PERU.
Holotype ♂: (No locality label) 8.1.48/ Holotype *Baccha dolorosa* Hull/ HOLOTYPE *Baccha dolorosa* Hull, CNC No. 20511.
Remarks: In the original description Hull indicates the locality as Peru.
- Baccha dracula*** Hull, 1943c, Bull. Brooklyn ent. Soc. 38: 52. HONDURAS.
Holotype ♂: Puerto Castilla, Hond., 4.IV.26, R.H. Painter/ Holotype *dracula*/HOLOTYPE *Baccha dracula* Hull, CNC No. 20512.
- Baccha dryope*** Hull, 1958, Studia ent. 1: 427. PERU.
Holotype ♂: Chanchamayo, Peru, 8.16.48, J. Schunke/ Holotype *Baccha dryope* Hull/ HOLOTYPE *Baccha dryope* Hull, CNC No. 20513.
- Baccha fiametta*** Hull, 1943e, Entomologica am. 23: 75. PANAMA.
Holotype ♂: (Locality label missing) HOLOTYPE *Baccha fiametta* Hull CNC No. 19272/ Holotype *fiametta*/ Frank M. Hull Collection CNC 1973.
Remarks: The type locality and collection information in the original description is Barro Colorado Island, Panama, August, 1938 F.M. Hull.
- Baccha filissima*** Hull, 1943e, Entomologica am. 23: 79. COLOMBIA.
Holotype ♀: Muzo, Dept. Boyaca, alt. 900 m./ Colombia 1936/ J. Bequaert Collector/ Holotype *filissima*/ HOLOTYPE *Baccha filissima* Hull, CNC No. 20514.
Remarks: The head is missing from the holotype.
- Baccha flata*** Hull, 1940b, J. Wash. Acad. Sci. 30: 433. BRAZIL.
Holotype ♂: Petropolis, [Brazil] 1.III.1914/ Holotype *flata* Accession/ *Baccha flata* Hull/ HOLOTYPE *Baccha flata* Hull, CNC No. 20515.
- Baccha halcyone*** Hull, 1949b, Ohio J. Sci. 49: 244. PERU.
Holotype ♂: Chanchamayo, Peru, 8.16.48, J. Schunke 1100 m./ Holotype *Baccha halcyone* Hull/ HOLOTYPE *Baccha halcyone* Hull, CNC No. 20516.
- Baccha hippolite*** Hull, 1957, J. N.Y. ent. Soc. 65: 187. PERU.
Holotype ♀: Chancamayo Peru, 8.19.48, J. Schunke, 1100 m./ Holotype *Baccha hippolyte* [sic] Hull/ HOLOTYPE *Baccha hippolite* Hull, CNC No. 20517.
- Baccha infanta*** Hull, 1943e, Entomologica am. 23: 74. COLOMBIA.
Holotype ♂: Muzo Dept. Boyaca, alt. 900 m./ Colombia 1936/ J. Bequaert Collection/ Holotype *infanta*/ HOLOTYPE *Baccha infanta* Hull, CNC No. 20518.
Paratype: 1 ♂, Colombia.
Remarks: The holotype and paratype are mounted on the same pin.
- Baccha lucretia*** Hull, 1949g, Ent. News 60: 230. PERU.
Holotype ♂: Chancamayo Peru, 8.19.48, J. Schunke, 1100 m/ 110/ Holotype *Baccha lucretia* Hull/ HOLOTYPE *Baccha lucretia* Hull, CNC No. 20519.
Allotype ♀: Same data as holotype except Aug 11, 1948.
- Baccha mima*** Hull, 1949a, Entomologica am. (1947) 27: 188. PERU.
Holotype ♀: Pucallpa, Peru, J. Schunke, Nov 8, 1947/ *mima*/ HOLOTYPE *Baccha mima* Hull, CNC No. 20520.
- Baccha myrtella*** Hull, 1960, Pan-Pacif. Ent. 36: 70. PERU.
Holotype ♂: Chanchamayo, Peru, May 7, 48, M. 1200, J. Schunke/ HOLOTYPE *Baccha myrtella* Hull, CNC No. 19276/ Holotype *Baccha myrtella* Hull/ Frank M. Hull Collection CNC 1973.
- Baccha ophiolinea*** Hull, 1943e, Entomologica am. 23: 68. COLOMBIA.
Holotype ♀: Villavicencio, Dept. Meta alt. 450 m./ Colombia 1936/ Holotype *ophiolinea*/ HOLOTYPE *Baccha ophiolinea* Hull, CNC No. 20521.
- Baccha oviphora*** Hull, 1943e, Entomologica am. 23: 73. COLOMBIA.
Holotype ♀: Muze, Dept. Boyaca, alt. 900 m./ Colombia 1936/ J. Bequaert Collector/ Holotype

- oviphora/ HOLOTYPE *Baccha oviphora* Hull, CNC No. 20522.
- Baccha ovipositoria*** Hull, 1943e, Entomologica am. 23: 76. COLOMBIA.
Holotype ♀: Restrepo Dept. Meta alt. 500 m./ Colombia 1936/ J. Bequaert Collector/ Holotype ovipositoria/ HOLOTYPE *Baccha ovipositoria* Hull, CNC No. 20523.
- Baccha papilio*** Hull, 1942, Revta Ent., Rio de J. 13: 45. BRAZIL.
Holotype ♀: San Jose [Brazil] v.1905, P. Biolley/ Holotype papilio Access./ *Baccha papilio* Hull/ HOLOTYPE *Baccha papilio* Hull, CNC No. 20524.
- Baccha pennata*** Hull, 1943e, Entomologica am. 23: 75. PANAMA.
Holotype ♀: (No locality label) Holotype pennata/ HOLOTYPE *Baccha pennata* Hull, CNC No. 20525.
Remarks: In the original description Hull indicates the locality as Barro Colorado, Panama.
- Baccha philodice*** Hull, 1950a, Revta Ent., Rio de J. 21: 227. PERU.
Holotype ♀: Chancamayo Peru, 8.16.48, J. Schunke, 1100 m/ Holotype *Baccha philodice* Hull/ HOLOTYPE *Baccha philodice* Hull, CNC No. 20526.
- Baccha porphyra*** Curran, 1928b, J. fed. Malay St. Mus. 14: 254. MALAYSIA.
Syntype: 1♂, CNC No. 19295.
"♂"; PAHANG F.M.S. Wray's Camp 2300' Dec 11th 1921. H.M. Pendlebury/ C.H. Curran Collection Acc. 31144/ Frank M. Hull Collection C.N.C. 1981/ PARATYPE *Baccha porphyra* Curran No./ SYNTYPE *Baccha porphyra* Curran, CNC No. 19295.
- Baccha sepia*** Hull, 1941g, Ent. News 52: 161. BRAZIL.
Holotype ♂: S. Paulo, Brazil, 6-8.IV.34, J. Lane coll./ Holotype *sepia* Acces./ *Baccha sepia* Hull/ HOLOTYPE *Baccha sepia* Hull, CNC No. 20527.
- Baccha susio*** Hull, 1941d, J. Kans. ent. Soc. 14: 61. BRAZIL.
Holotype ♂: S. Avanhandara, [Brazil] 28.4.08, E. S. Paulo/ Holotype *susio* Acces./ *Baccha susio* Hull/ HOLOTYPE *Baccha susio* Hull, CNC No. 20528.
- Baccha ulrica*** Hull, 1957, J. N.Y. ent. Soc. 65: 188. PERU.
Holotype ♀: Chancamayo Peru, 8.19.48, J. Schunke, 1100 m/ Holotype *Baccha ulrica* Hull/ HOLOTYPE *Baccha ulrica* Hull, CNC No. 20529.
- Baccha urania*** Hull, 1949a, Entomologica am. (1947) 27: 185. PERU.
Holotype ♀: Pucallpa, Peru, J. Schunke, Dec. 8, 1947/ *urania*/ HOLOTYPE *Baccha urania* Hull, CNC No. 20530.
Remarks: Both antennae are missing from the holotype.
- Baccha vampyra*** Hull, 1948, Ent. News 59: 7. COLOMBIA.
Remarks: The data on the specimen in the CNC is "Colombia 1936/ Muzo Dept. Boyaca alt. 900 m./ J. Bequaert Collector/ Holotype *vampyra*," but the data listed in the original description for this species is "Sao Paulo, Brazil, J. Lane." Therefore, we do not consider this specimen to be the holotype. Thompson *et al.* (1976, p. 29) give the date of description as Hull (1943e, p. 98), but this paper only has a figure of the abdomen. According to the rules of the International Code of Zoological Nomenclature (Article 13, p. 35) this figure cannot be considered a valid description of a new species.
- Baccha vanessa*** Hull, 1949a, Entomologica am. (1947) 27: 190. PERU.
Holotype ♂: Pucallpa, Peru, J. Schunke, Nov. 8, 1947/ *vanessa*/ HOLOTYPE *Baccha vanessa* Hull, CNC No. 20531.
- Baccha victoria*** Hull, 1941b, Proc. ent. Soc. Wash. 43: 181. BRAZIL.
Holotype ♂: S. Paulo [Brazil] 15.IV.38, J. Lane coll./ Holotype *victoria* Acces./ *Baccha victoria* Hull/ HOLOTYPE *Baccha victoria* Hull, CNC No. 20532.
- Baccha virgilio*** Hull, 1942, Revta Ent., Rio de J. 13: 46. BRAZIL.
Holotype ♂: Parana [Brazil] XII C.O./ Holotype *virgilio* Access./ *Baccha virgilio* Hull/ HOLOTYPE *Baccha virgilio* Hull, CNC No. 20533.
Remarks: The apical half of the abdomen is missing from the holotype.
- Baccha virginio*** Hull, 1941b, Proc. ent. Soc. Wash. 43: 182. BRAZIL.
Holotype ♂: S. Paulo, Osasco, 6-8.IV.39, J. Lane coll./ Holotype *virginio* Acces./ *Baccha virginio* Hull/ HOLOTYPE *Baccha virginio* Hull, CNC No. 20534.
- Baccha zabulon*** Hull, 1949b, Ohio J. Sci. 49: 244. PERU.
Holotype ♀: Chancamayo, Peru, 8.20.48, J. Schunke/ Holotype *Baccha zabulon* Hull/ HOLOTYPE *Baccha zabulon* Hull, CNC No. 20535.
Remarks: Both antennae and both mid legs are missing from the holotype.

- Baccha zerene*** Hull, 1949b, Ohio J. Sci. 49: 245. PERU.
 Holotype ♂: Chanchamayo, Peru, 8.3.48, J. Schunke/ Holotype *Baccha zerene* Hull/ HOLOTYPE *Baccha zerene* Hull, CNC No. 20536.
 Allotype ♀: Same data as holotype except July 17, 1948.
- Brachyopa perplexa*** Curran, 1922g, Can. Ent. 54: 117. CANADA.
 Holotype ♂: Orillia, Ont., 2.VI.1921/ Collector H. Curran/ HOLOTYPE *Brachyopa perplexa* Curran, CNC No. 473.
 Allotype ♀: Same data as holotype.
 Paratypes: 4♂♂, 1♀, Ontario.
- Brachypalpus apicaudus*** Curran, 1922g, Can. Ent. 54: 119. CANADA.
 Holotype ♂: (No locality label) 2192/ Holotype/ HOLOTYPE *B.[brachypalpus] apicaudus* Curr., CNC No. 2311.
 Remarks: The original description indicates the locality as Cranbrook, British Columbia.
- Brachypalpus frontosus*** Loew, 1872, Berl. ent. Z. 16: 83. USA.
 Syntype: 1♂, CNC No. 2093.
 "♂"; (No locality label) District Columbia (original description) Loew Coll./ PARATYPE *Brachypalpus frontosus* Loew, CNC No. 2093/ Type 4-4051/ SYNTYPE *Brachypalpus frontosus* Loew, CNC No. 2093/ *Brachypalpus frontosus*.
 Remarks: The locality given in the original description is District of Columbia. The above specimen has a red Museum of Comparative Zoology type label, number 4-4051.
- Brachypalpus margaritus*** Hull, 1946a, Ent. News (1945) 56: 271. USA.
 Holotype ♀: Oxford, Miss., Mar 10, 1945, F.M. Hull col./ F.M. Hull Collector/ HOLOTYPE *Brachypalpus margarita* Hull/ HOLOTYPE *margaritus* Hull, CNC No. 20446.
 Paratypes: 2♀♀, Mississippi.
- Brachypalpus trifasciata*** Hull, 1944b, Bull. Brooklyn ent. Soc. 39: 39. USA.
 Holotype ♀: (No locality label) *Brachypalpus trifasciata*/ Holotype *trifasciata* Hull/ HOLOTYPE *Brachypalpus trifasciata* Hull, CNC No. 20447.
 Remarks: The locality given in the original description is near Mt. Rainier, Washington.
- Cacoceria willistoni*** Hull, 1949g, Ent. News 60: 225. PERU.
 Holotype ♂: Chancamayo Peru 8-16-48 J. Schunke 1100M./ Holotype *Cacoceria magnifica* Hull/ HOLOTYPE *Cacoceria willistoni* Hull CNC No. 21509.
 Allotype ♀: Same data as holotype.
- Remarks: Hull labeled the holotype and allotype with an unpublished manuscript name. We have attached *Cacoceria willistoni* type labels to these specimens.
- Callicera johnsoni*** var. *auripila* Metcalf, 1916, J. Elisha Mitchell scient. Soc. 32: 112. USA.
 Syntype: 1♀, CNC No. 1531.
 "♀"; Southport, N.C., IV.7.1914, C.L. Metcalf/ Cotype No./ Paratype C. *johnsoni* var. *auripila* Metcalf, CNC No. 1531/ Syntype C. *johnsoni* Hunter, var. *auripila*, CNC No. 1531.
- Calostigma serpentina*** Hull, 1950a, Revta Ent., Rio de J. 21: 228. PERU.
 Holotype ♂: Chanchamayo, Peru, 8.19.48, J. Schunke/ Holotype *Calostigma serpentina* Hull/ HOLOTYPE *Calostigma serpentina* Hull, CNC No. 20448.
 Allotype ♀: Same data as holotype.
- Ceria ontarioensis*** Curran, 1921b, Can. Ent. 53: 174. CANADA.
 Holotype ♀: Orillia, Ont., 30.V.1920/ Collector H. Curran/ HOLOTYPE *Ceria ontarioensis* Curran, CNC No. 3473.
- Ceria sackenii*** Williston, 1888, Trans. Am. ent. Soc. 15: 287. BRAZIL.
 Syntype: 1♂, CNC No. 20601.
 "♂"; (No locality label) Nov./ COTYPE No. A.M.N.H./ SYNTYPE *Ceria sackenii* Williston, CNC No. 20601/ Frank M. Hull Collection, CNC 1981/ *sackenii*.
 Remarks: The locality given in the original description is Chapada, Brazil.
- Ceriodes alpicata*** Hardy, 1945, Proc. R. Soc. Queensl. 56: 83. AUSTRALIA.
 Syntype: 1♀, CNC No. 20650.
 "♀"; G.H. Hardy, Goondiwindi, Nov., 1935, Q./ PARATYPE/ Frank M. Hull Collection, CNC 1973/ *Ceriodes alpicata* Hardy E.F. Riek det./ SYNTYPE *Ceriodes alpicata* Hardy CNC No. 20650.
 Remarks: There is one additional specimen labeled as a paratype, but it is not from a locality mentioned in the original description.
- Ceriodes aldrichi*** Hull, 1935b, Psyche 42: 99. USA.
 Holotype ♀: Susanville, Cal., July 11/ Collector W.J. Chamberlin/ Holotype *Ceriodes aldrichi* Hull/ *Ceriodes aldrichi* Type Hull/ HOLOTYPE *Ceriodes aldrichi* Hull, CNC No. 20439.
 Remarks: The head is missing from the holotype.
- Ceriodes proxima*** Curran, 1924a, Psyche 31: 228. CANADA.
 Syntypes: 1♂, 1♀, CNC No. 3467.
 "♀"; Guelph, Ont., 8.VI.1913/ Collector H. Curran/ HOLOTYPE *Ceriodes proxima* 3467

No. Curran/ SYNTYPE *Ceriodes proxima*
Curran, CNC No. 3467.
"♂"; Matagamon, Ea., Brach of Penobscot R.,
Me., July 4, 01/ C.L. Metcalf Collection/
PARATYPE *Ceriodes proxima* No. 3467
Curran/ SYNTYPE *Ceriodes proxima* Curran,
CNC No. 3467.

Ceriogaster aureopila Hull, 1941e, J. Wash. Acad. Sci. 31:
314. PANAMA.
Holotype ♀: Barro Colorado, Pan., Aug. 1938,
F.M. Hull coll./ Holotype *aureopila* Hull/
Ceriogaster transversa (Hine) R.C.O./
HOLOTYPE *Ceriogaster aureopila* Hull, CNC
No. 20449.

Chalcomyia calcitrans Curran, 1922a, Can. Ent. (1921) 53:
260. CANADA.
Holotype ♂: Orillia, Ont., 8.V.1921/ Collector H.
Curran/ HOLOTYPE *Chalcomyia calcitrans*
Curr., CNC No. 221.
Paratype: 1♂, Ontario.

Cheilosia bigelowi Curran, 1926e, Can. Ent. 58: 212.
CANADA.
Holotype ♂: Low Bush Ont., Lake Abitibi,
VI.14.1925, N.K. Bigelow/ HOLOTYPE
Chilosia [sic] *bigelowi* ♂ Curran CNC No.
1798.
Remarks: In the original description the generic
name is spelled as *Chilosia*.

Cheilosia browni Curran, 1931b, Can. Ent. 63: 96. CANADA.
Holotype ♂: Old Fort Is., Que., 13.VII.1929, W.J.
Brown/ HOLOTYPE *Cheilosia browni* Curran,
CNC No. 3406/ *Cheilosia* TYPE *browni* ♂
Curran No.

Cheilosia canada Hull & Fluke, 1950, Bull. Am. Mus. nat.
Hist. 94: 338. CANADA.
Holotype ♂: Cranbrook, B.C., 10.V.21/ C. Garrett
Collector/ Holotype *canada* Hull & Fluke/
Cheilosia canada H. & F. Type/ HOLOTYPE
Cheilosia canada Hull & Fluke, CNC No.
20451.

Cheilosia chrysochlamys Williston, 1891, Biologia cent. am. 3:
8. MEXICO.
Syntype: 1♀, CNC No. 20642.
"♀"; Omilteme, Guerrero, 8000 ft., July H.H.
Smith/ Biol. Centr. Amer. Dipt. Syrphidae,
F.D. Godman, O. Salvin, 1903-51/ Paratype/
Chilosia [sic] *chrysochlamys* Will. Type/
SYNTYPE *Cheilosia chrysochlamys* Williston,
CNC No. 20642.
Remarks: In the original description the generic
name is spelled as *Chilosia*.

Cheilosia cineralis Hull & Fluke, 1950, Bull. Am. Mus. nat.
Hist. 94: 317. USA.

Holotype ♂: Columbus, O., V.4.23/ F.M. Hull,
Collector/ Holotype *cineralis* Hull & Fluke/
HOLOTYPE *Cheilosia cineralis* Hull & Fluke,
CNC No. 20445.
Allotype ♀: Same data except 5.2.23.

Cheilosia columbiae Curran, 1922e, Can. Ent. 54: 69.
CANADA.
Holotype ♂: 1985/ Holotype/ HOLOTYPE
C.[heilosia] *columbiae* Curran, CNC No. 1523/
Same as my *aldrichi-thauna*.
Remarks: In the original description the generic
name is spelled as *Chilosia*. The locality given
in the original description is Cranbrook, British
Columbia. Although there are no locality data
on the type specimen, the type label is in
Curran's handwriting and we therefore consider
this specimen to be the holotype.

Cheilosia consentiens Curran, 1926e, Can. Ent. 58: 211.
CANADA.
Holotype ♀: Low Bush, Ont., Lake Abitibi,
VI.16.1925, N.K. Bigelow/ *Chilosia* [sic]
HOLOTYPE *consentiens* Curran, CNC No.
1800.
Remarks: In the original description the generic
name is spelled as *Chilosia*.

Cheilosia hunteri Curran, 1922c, Can. Ent. 54: 17. CANADA.
Holotype ♂: Teulon, Man., 17.V.20, A.J. Hunter/
HOLOTYPE *Chilosia* [sic] *hunteri* Curran,
CNC No. 1526/ HOLOTYPE.
Remarks: In the original description the generic
name is spelled as *Chilosia*. The holotype has
its terminalia stored in glycerine in a plastic
microvial. There is a female labeled by Curran
as the allotype, but he doubtfully placed it in
this species and it therefore has no type status.

Cheilosia margarita Hull & Fluke, 1950, Bull. Am. Mus. nat.
Hist. 94: 318. USA.
Holotype ♂: Mt. Rainier, Wash., 7.7.26/
HOLOTYPE *margarita* Hull & Fluke/ *Cheilosia*
margarita n.sp. Hull & Fluke/ HOLOTYPE
Cheilosia margarita Hull & Fluke, CNC No.
20452.
Allotype ♀: Same data as holotype.

Cheilosia nigroapicata Curran, 1926d, Can. Ent. 58: 173.
CANADA.
Holotype ♂: Low Bush, Ont., Lake Abitibi,
VI.6.1925, N.K. Bigelow/ *Chilosia* [sic]
HOLOTYPE *nigroapicata* Curran, CNC No.
1799.
Allotype ♀: Same data as holotype except June 12,
1925.
Remarks: In the original description the generic
name is spelled as *Chilosia*.

Cheilosia nigrofasciata Curran, 1926d, Can. Ent. 58: 174.
CANADA.

Holotype ♂: Low Bush, Ont., Lake Abitibi,
VI.11.1925, N.K. Bigelow/ *Chilosia* [sic]
HOLOTYPE nigrofasciata ♂ Curran/ CNC No.
1797.

Allotype ♀: Same data as holotype.

Paratypes: 5♂♂, 52♀♀, Ontario.

Remarks: In the original description the generic name is spelled as *Chilosia*.

Cheilosia nokomis Hull & Fluke, 1950, Bull. Am. Mus. nat. Hist. 94: 318. USA.

Holotype ♀: Base Station ft of Mt. Washington,
VII-13, N.H./ J. Bequaert Collection/ Holotype
nokomis Hull & Fluke/ *Cheilosia nokomis* Type
H. & F./ HOLOTYPE *Cheilosia nokomis* Hull
& Fluke, CNC No. 20415.

Cheilosia obesa Hull & Fluke, 1950, Bull. Am. Mus. nat. Hist. 94: 324. USA.

Holotype ♂: Pullman, Wash., V.1926/ F.M. Hull
Collector/ Holotype *obesa* Hull & Fluke/
Cheilosia obesa n.sp. Hull & Fluke/
HOLOTYPE *Cheilosia obesa* Hull & Fluke,
CNC No. 20453.

Allotype ♀: Same data as holotype.

Cheilosia orilliaensis Curran, 1922e, Can. Ent. 54: 67. CANADA.

Holotype ♂: Orillia, Ont., 8.V.1921/ Collector H.
Curran/ TYPE No. 471/ HOLOTYPE *Cheilosia*
orilliaensis Curran, CNC No. 471.

Allotype ♀: Same data as holotype except
29.V.1921.

Paratypes: 6♂♂, 27♀♀, Ontario.

Remarks: In the original description the generic name is spelled as *Chilosia*.

Cheilosia rita Curran, 1922e, Can. Ent. 54: 70. CANADA.

Holotype ♂: Orillia, Ont., 8.V.1921/ H. Curran
Collector/ Holotype *Cartosyrphus ontario*
Curran, CNC No. 1527.

Remarks: In the original description the generic name is spelled as *Chilosia*. Also, Curran (1922i) proposed *ontario* as a new name for *rita* Curran, 1922e p. 70 (preoccupied Curran, 1922e p. 71). The terminalia are missing from the holotype.

Cheilosia sensua Curran, 1922d, Can. Ent. 54: 19. CANADA.

Holotype ♂: Orillia, Ont., 7.V.1921/ Collector H.
Curran/ 77/ HOLOTYPE *Cartosyrphus sensua*
Curran, CNC No. 1528.

Remarks: In the original description the generic name is spelled as *Chilosia*. The terminalia are missing from the holotype.

Cheilosia seripila Hull & Fluke, 1950, Bull. Am. Mus. nat. Hist. 94: 355. USA.

Holotype ♂: Pullman, Wash./ Holotype *seripila* Hull
& Fluke/ *Cheilosia seripila* H. & F. Type/

HOLOTYPE *Cheilosia seripila* Hull & Fluke,
CNC No. 20454.

Cheilosia (Cartosyrphus) sialia var. *alpinensis* Fluke & Hull, 1947, Trans. Wis. Acad. Sci. Arts Lett. (1945) 37: 228. USA.

Holotype ♂: Granite Peaks Camp, 9000 ft., Bay
field, Colo./ J. Bequaert, VII.28/ *rita* Curr. det/
HOLOTYPE ♂ *C. sialia* var. *alpinensis* Fluke
& Hull/ *Cartosyrphus sialia* var. *alpinensis* F. &
H., Det. C.L. Fluke/ HOLOTYPE *Cheilosia*
sialia var. *alpinensis* Fluke & Hull, CNC No.
20450.

Allotype ♀: Same data as holotype.

Cheilosia subchalybea Curran, 1923h, Can. Ent. 55: 276. CANADA.

Holotype ♀: Cranbrook, B.C., 16.V.1922, C.B.D.
Garrett/ HOLOTYPE *Chilosia* [sic] *subchalybea*
Curr., CNC No. 272/ CNC No. 627.

Paratype: 1♀, British Columbia.

Remarks: In the original description the generic name is spelled as *Chilosia*. In the original description the CNC type number is published as 572, but it should be 627. The number on the holotype label is also incorrectly printed as 272.

Cheilosia (Chilomyia) varipila Fluke & Hull, 1946, Trans. Wis. Acad. Sci. Arts Lett. (1944) 36: 338. CANADA.

Holotype ♂: Laggan, Alta., July 10, 1925, O.
Bryant/ Lake Agnos 6800 ft./ Holotype *varipila*
Fluke & Hull/ HOLOTYPE *Cheilosia varipila*
Fluke & Hull, CNC No. 20455.

Allotype ♀: Same data as holotype.

Chrysogaster bigelowi Curran, 1926c, Can. Ent. 58: 82. CANADA.

Holotype ♂: Low Bush, Ont., Lake Abitibi,
VI.9.1925, N.K. Bigelow/ *Chrysogaster*
HOLOTYPE *bigelowi* ♂ Curran, CNC No.
1801.

Chrysogaster canadensis Curran, 1933, Am. Mus. Novit. 673: 6. CANADA.

Holotype ♂: Harrington Harb. Que., 30.VI.1929,
W.J. Brown/ *Chrysogaster* TYPE *canadensis* ♂
Curran No./ HOLOTYPE *Chrysogaster*
canadensis Curran, CNC No. 3678/ with mites.

Chrysogaster minuta Hull, 1945, Ent. News 56: 215. USA.

Holotype ♂: Mt. Rainier, Wash., 7.7.26/ F.M. Hull
Collector/ Holotype *Chrysogaster minuta* Hull/
HOLOTYPE *Chrysogaster minuta* Hull, CNC
No. 20417/ Frank M. Hull Collection CNC
1973.

Chrysogaster ontario Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 117. CANADA.

- Holotype ♂: Guelph, Ont., 10.VII.1913/ Collector H. Curran/ HOLOTYPE Chrysogaster ontario Curran, CNC No. 472/ TYPE No. 472.
Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.
- Chrysotoxum columbianum*** Curran, 1927f, Can. Ent. 59: 206. CANADA.
Holotype ♀: Vernon, B.C. VII.21.1923, D.G. Gillespie/ Chrysotoxum HOLOTYPE columbianum ♀ Curran, CNC No. 2452.
Paratype: 1 ♀, British Columbia.
- Chrysotoxum integrum*** var. *willistoni* Curran, 1924c, Can. Ent. 56: 39. USA.
Holotype ♀: Jemez Springs, Mts., N.M., 22.IX./ Chrysotoxum HOLOTYPE integrum willistoni Curran, CNC No. 7417.
- Chrysotoxum luteopilosum*** Curran, 1924c, Can. Ent. 56: 36. CANADA.
Holotype ♀: Winnipeg, Man., 30.VII.18, J.B. Wallis/ HOLOTYPE Chrysotoxum luteopilosis [sic] Curr., CNC No. 575.
Allotype ♂: Lincoln, Neb., June/ ALLOTYPE C. luteopilosus [sic] Curran CNC No. 575.
Paratypes: 1 ♂, 1 ♀, Massachusetts (USA); 1 ♀, New York (USA).
Remarks: The allotype is missing both antennae and the apical portion of the left wing.
- Chrysotoxum minor*** Curran, 1927f, Can. Ent. 59: 206. CANADA.
Holotype ♂: Husavick, Man., 5.VII.10, J.B. Wallis/ Chrysotoxum HOLOTYPE minor ♂ Curran, CNC No. 2451/ 103.
Allotype ♀: Same data as holotype except 7.VII.10.
Paratype: 1 ♀, Alberta.
- Chrysotoxum occidentale*** Curran, 1924c, Can. Ent. 56: 37. CANADA.
Holotype ♀: Br. Col., Taylor Coll./ HOLOTYPE Chrysotoxum occidentale Curr., CNC No. 586.
- Cnemosdon nigricornis*** Curran, 1922h, Can. Ent. 54: 284. CANADA.
Holotype ♂: Banff, Alta., 15.VI.1922, C.B.D. Garrett/ HOLOTYPE Cnemosdon nigricornis Curr., CNC No. 506.
Allotype ♀: Same data as holotype.
- Copestylum caudatum*** Curran, 1927b, Ent. News 38: 45. CANADA.
Holotype ♂: Medicine Hat, Alta., 8.V.26, F.S. Carr/ HOLOTYPE Copestylum caudatum Curr., CNC No. 2304.
Allotype ♀: Oak Creek Canon [sic], Ariz., 6000 ft., July, F.H. Snow/ Allotype Copestylum caudatum Curr., CNC No. 2304/ Copestylum marginatum Say. Det. Lovett.
- Paratype: 1 ♂, New Mexico (USA).
- Crepidomyia cybele*** Hull, 1951a, Pan-Pacif. Ent. 27: 184. PERU.
Holotype ♀: Chanchamayo, Peru, 1.20.49, J. Schunke, 1300/ Holotype *Crepidomyia cybele* Hull/ HOLOTYPE *Crepidomyia cybele* Hull, CNC No. 20456.
Remarks: Both flagella are missing from the holotype.
- Crepidomyia dion*** Hull, 1951a, Pan-Pacif. Ent. 27: 183. PERU.
Holotype ♀: Chanchamayo, Peru, Jan. 3.49, J. Schunke/ Holotype *Crepidomyia dion* Hull/ HOLOTYPE *Crepidomyia dion* Hull, CNC No. 20457.
Remarks: The right flagellum is missing from the holotype.
- Criorhina caudata*** Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 151. CANADA.
Holotype ♂: Salmon Arm, B.C., 6.V.1918, E.R. Buckell/ HOLOTYPE *Criorhina caudata* Curr., CNC No. 478.
Allotype ♀: (No locality data) 524/ 20/ Allotype C. caudata Curran/ Allotype *Criorhina caudata* Curran, CNC No. 478.
Paratype: 1 ♂, British Columbia.
- Criorhina maritima*** Curran, 1924g, Can. Ent. 56: 252. CANADA.
Holotype ♂: Kentville, N.S., 3 June 1911/ HOLOTYPE C[riorhina] maritima Curr., CNC No. 722.
- Criorhina mystaceae*** Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 144. CANADA.
Holotype ♀: Halifax, N.S., 13.VI.1915, J. Perrin/ HOLOTYPE *Criorhina mystaceae* Cn., CNC No. 477.
- Cynorhina armillata*** var. *hunteri* Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 136. CANADA.
Holotype ♂: Teulon, Man., 15.V.22/ A.J. Hunter/ *Cynorhina* HOLOTYPE armillata var. hunteri Curran, CNC No. 2301.
- Cynorhina bigelowi*** Curran, 1924f, Can. Ent. 56: 195. CANADA.
Holotype ♀: (No locality label) Holotype C.[ynorhina] bigelowi Curr., CNC No. 693.
Remarks: The locality given in the original description is Macdiarmid, Ontario.
- Cynorhina garretti*** Curran, 1924f, Can. Ent. 56: 194. CANADA.
Holotype ♀: Hedley, B.C., 29.VIII.1923, C.B. Garrett/ HOLOTYPE C.[ynorhina] garretti Curran, CNC No. 692.

- Cynorhina nigripes* Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 128. CANADA.
Holotype ♂: Victoria, B.C., April 26, 1916, R.C. Treherne/ TYPE No. 475/ HOLOTYPE
Cynorhina nigripes Curran, CNC No. 475.
- Cynorhina robusta* Curran, 1922c, Can. Ent. 54: 14. CANADA.
Holotype ♀: Kaslo, 20.VII/ TYPE No. 476/
HOLOTYPE Cynorhina robusta Curran, CNC No. 476/ Cynorhina robusta Curran.
- Cynorhinella canadensis* Curran, 1922c, Can. Ent. 54: 15. CANADA.
Holotype ♂: Inverness, B.C., July 1910, J.H. Keen/
TYPE No. 474/ HOLOTYPE Cynorhinella canadensis Curran, CNC No. 474/ Cynorhinella canadensis Curran/ 142.
Remarks: The holotype has its terminalia dissected and glued to a paper point that is pinned with the specimen.
- Didea daphne* Hull, 1925c, Ann. ent. Soc. Am. 18: 280. CANADA.
Holotype ♂: Mt. Apex/ Keremeos, B.C., 8.VII., C. Garrett/ HOLOTYPE Didea daphne Hull/
HOLOTYPE Didea daphne Hull, CNC No. 20458.
- Didea laxa* Osten Sacken, 1875b, Bull. Buffalo Soc. nat. Sci. 3: 66. USA.
Syntype: 1♂, CNC No. 2094.
"♂"; White Mtns. N.H./ Osten Sacken Coll./ Type 13095/ Didea laxa O.S./ PARATYPE Didea laxa O.S. No. 2094/ SYNTYPE Didea laxa O.S. CNC No. 2094.
- Dideopsis hemipennis* Hull, 1945, Ent. News 56: 212. SOLOMON ISLANDS.
Holotype ♂: New Georgia, 1944, C.O. Berg/ Syrph. C/ HOLOTYPE Dideopsis hemipennis Hull/
CNC/ HOLOTYPE Dideopsis hemipennis Hull, CNC No. 20459.
- Eristalis collaris* var. *nigrovittata* Hull, 1945, Ent. News 56: 213. SOLOMON ISLANDS.
Holotype ♂: Guadalcanal, Nov. 1944, C.O. Berg/ Syrph. 10/ Holotype Eristalis collaris de Meij., var. nigrovittata Hull/ HOLOTYPE Eristalis collaris n. var. De M. nigrovittata, CNC No. 20438.
Allotype ♀: Same data as holotype.
- Eristalis floreus* Hull, 1925a, Ohio J. Sci. 25: 39. BRITISH GUIANA.
Holotype ♂: Bartica, B.[ritish] G.[uiana] VII.19.1901/ HOLOTYPE Eristalis floreus Hull/ Eristalis floreus Hull, Type/ HOLOTYPE Eristalis floreus Hull, CNC No. 20561.
- Eristalis incubus* Hull, 1943, Ent. News 54: 29. BRAZIL.
Holotype ♀: Curityba, Parana, Brazil, (Parolim), 7.X.1936, Coll. Claretiano/ 4096/ Holotype incubus/ Eristalis incubus Hull/ HOLOTYPE Eristalis incubus Hull, CNC No. 20562.
- Eristalis maritimus* Hull, 1945, Ent. News 56: 210. SOLOMON ISLANDS.
Holotype ♀: Guadalcanal, 1944, C.O. Berg/ Syr-9/ Holotype Eristalis maritimus Hull/ HOLOTYPE Eristalis maritimus Hull, CNC No. 20437.
- Eristalis stipator* Osten Sacken, 1877, Bull. U.S. geol. Surv. 3: 336. USA.
Syntypes: 1♂, 1♀, CNC No. 2089.
"♂"; Manitou Park [Colorado]/ Osten Sacken Coll./ PARATYPE Eristalis stipator O.S., No. 2089/ Type 5, 885/ Eristalis stipator O.S./ SYNTYPE Eristalis stipator O.S., CNC No. 2089.
"♀"; Manitou Park [Colorado]/ Osten Sacken Coll./ 24/ Type 4,885/ PARATYPE Eristalis stipator O.S. No. 2089/ SYNTYPE Eristalis stipator O.S., CNC No. 2089.
Remarks: The above specimens each have a red Museum of Comparative Zoology type label, number 4,885 or 5,885.
- Eristalis temporalis* var. *alpha* Hull, 1925b, Ohio J. Sci. 25: 299. CANADA.
Holotype ♂: Banff, 07, J.F./ TYPE/ Frank M. Hull Collection C.N.C. 1973/ Eristalis temporalis Thom. var. alpha Hull, n. var./ HOLOTYPE Eristalis temporalis Thomson, var. alpha Hull, CNC No. 20460.
- Eristalis temporalis* var. *beta* Hull, 1925b, Ohio J. Sci. 25: 299. CANADA.
Holotype ♀: Banff, Alta., 11.VI./ TYPE/ Frank M. Hull Collection C.N.C. 1973/ Eristalis temporalis Thom. n. var. beta Hull/ HOLOTYPE Eristalis temporalis Thomson var. beta Hull, CNC No. 20461.
Paratype: 1♀, California.
- Eumerus elegans* Schiner & Egger, 1853, Verh. zool.-bot. Ver. Wien 3: 52. AUSTRIA.
Syntype: 1♂, CNC No. 20621.
"♂", (No locality label) Coll. H. Loew/ E. elegans S. & E./ Paratypus/ Eumerus elegans End. ex./ SYNTYPE Eumerus elegans Sch. & Egger, CNC No. 20621.
Remarks: The locality given in the original description is Austria.
- Eumerus pulchellus* Loew, 1848, Stettin. ent. Ztg 9: 130. SICILY.
Syntype: 1♂, CNC No. 20620.
"♂"; Syrakus, 15.4, Zeller/ Coll. H. Loew/ Paratypus/ Eumerus pulchellus End. ex./

SYNTYPE *Eumerus pulchellus* Loew, CNC No. 20620.

Eupeodes volucris Osten Sacken, 1877, Bull. U.S. geol. and geog. Survey of the Ter. 3: 329. USA.

Syntype: 1♀, CNC No. 2095.

"♀"; S. Monica, Cal. Feb 18. O. Sack/ Osten Sacken Coll./ Type 877/ *Eupeodes volucris* O.S./ PARATYPE *Eupeodes volucris* O.S. No. 2095/ SYNTYPE *Eupeodes volucris* O.S. CNC No. 2095.

Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 877.

Fazia hermosa Hull, 1941c, Psyche 48: 48. BRAZIL.

Holotype ♂: S. Paulo, 6-8.V.39, J. Lane coll./ HOLOTYPE *Fazia hermosa* Hull/ *Epistrophe hermosa* Hull, Fluke/ HOLOTYPE *Fazia hermosa* Hull, CNC No. 20462.

Heliophilus curvaria Curran, 1941, Bull. Am. Mus. nat. Hist. 78: 290. CANADA.

Holotype ♂: Aylmer, Que., 20.VII.1924, C.H. Curran/ *Heliophilus curvaria* Curran, Holotype/ HOLOTYPE *Heliophilus curvaria* Curran, CNC No. 5106.

Allotype ♀: Colborne ? Ont., S. School 1931, D.B. Dayman/ *Heliophilus curvaria* ♀ Curran, Allotype/ ALLOTYPE *Heliophilus curvaria* Curran, CNC No. 5106.

Paratypes: 1♂, 2♀♀, Nova Scotia; 4♂♂, 4♀♀, Quebec; 6♂♂, 3♀♀, Ontario; 1♂, British Columbia.

Heliophilus flexus Curran, 1941, Bull. Am. Mus. nat. Hist. 78: 292. CANADA.

Holotype ♂: Oliver, B.C., 4.V.1923, C.B. Garrett/ *Heliophilus flexus* Curran ♂ Holotype/ HOLOTYPE *Heliophilus flexus* Curran, CNC No. 5120.

Allotype ♀: Same data as holotype except 16.V.1923.

Paratype: 1♂, British Columbia.

Heliophilus ontario Curran, 1941, Bull. Am. Mus. nat. Hist. 78: 292. CANADA.

Holotype ♂: Ottawa, Can./ *Heliophilus ontario* ♂ Curran Holotype/ HOLOTYPE *Heliophilus ontario* Curran, CNC No. 5107.

Remarks: The puparium is pinned with the holotype.

Helophilus intentus Curran & Fluke, 1926, Trans. Wis. Acad. Sci. Arts Lett. 22: 223. CANADA.

Holotype ♂: Farewell, Ck., S. Sask, Can./ Sept 1907/ HOLOTYPE *Helophilus intentus* Curran and Fluke, CNC No. 2224.

Paratype: 1♀, Alaska.

Helophilus stricklandi Curran, 1927e, Can. Ent. 59: 90. CANADA.

Holotype ♀: Wabanum, Alta., May 11, 1924, E.H. Strickland/ *Helophilus* HOLOTYPE *stricklandi* Curran, CNC No. 2414.

Hermesomyia bacchiformis Vockeroth, 1969, Mem. ent. Soc. Can. 62: 122. ECUADOR.

Holotype ♂: Tandapi, 40 km. SW. Quito, 1300-1500 m. ECUADOR, 15-21.VI.65, Peña/ *Hermesomyia* HOLOTYPE *bacchiformis* Vockeroth, CNC No. 9907.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.

Hovaxygota uluguruensis Hippra, 1978, Acta zool. fenn. 156: 135. TANGANYIKA.

Holotype ♂: TANGANYIKA, Uluguru Mts., 1500-1800 m/ Holotype *Hovaxygota uluguruensis* Hippra, 1977/ HOLOTYPE *Hovaxygota uluguruensis* Hippra, CNC No. 20422.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.

Hovaxygota vulcana Hippra, 1978, Acta zool. fenn. 156: 136. KENYA.

Holotype ♂: Kinotton For. Sta. nr. Kitale, Mt. Elgon, KENYA, 8100'/ 25.I.68, J.W. Boyes/ Boyes Cytolog. Coll. # 217, To remain in CNC/ Holotype *Hovaxygota vulcana* Hippra, 1977/ HOLOTYPE *Hovaxygota vulcana* Hippra, CNC No. 20423.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen. The front and mid tarsi are glued to a paper mount and pinned with the specimen.

Lejops grisescens Hull, 1943b, Ent. News 54: 31. USA.

Holotype ♀: Riverton, N.J. 6.18.20/ F.M. Hull Collector/ HOLOTYPE *Lejops grisescens* Hull/ HOLOTYPE *Lejops grisescens* Hull, CNC No. 20428.

Paratype: 1♀, New Jersey.

Lejops orion Hull, 1943c, Bull. Brooklyn ent. Soc. 38: 51. USA.

Syntypes: 1♂, 1♀, CNC No. 20633. "♂"; Oxford, Miss., 7-18, 1935/ HOLOTYPE *Lejops orion* Hull/ SYNTYPE *Lejops orion* Hull, CNC No. 20633. "♀"; Oxford, Miss., 7-18, 1935/ Allotype *Lejops orion* Hull/ SYNTYPE *Lejops orion* Hull, CNC No. 20633.

Lejops relictus Curran & Fluke, 1926, Trans. Wis. Acad. Sci. Arts Lett. 22: 256. CANADA.

Holotype ♂: Orillia, Ont., 28.VI.1921/ Collector H. Curran/ HOLOTYPE ♂ *Lejops relictus* C.&F., CNC No. 2222.

- Allotype ♀: Melrs. highds., 18.VI.11, Mass./ J.D. Tothill Collector/ ALLOTYPES *Lejops relictus* C.&F. No.
Paratypes: 2♂♂, Ontario; 1♀, New York (USA); 2♀♀, Kansas (USA).
- Leucozonia lucorum* var. *americana*** Curran, 1923a, Can. Ent. 55: 38. CANADA.
Holotype ♂: Hull, Que., 6.VI.1903/ Hull, 6.VI.03/ HOLOTYPE *L. lucorum americana* Curr., CNC No. 545.
Allotype ♀: Metlakatla, B.C., Rev. J.H. Keen/ Allotype *L. lucorum americana* Curr., CNC No. 545.
Paratype: 1♀, Nova Scotia; 1♀, British Columbia; 1♀, (No locality).
- Mallota columbiae*** Curran, 1922c, Can. Ent. 54: 15. CANADA.
Holotype ♀: Penticton, B.C., 5.VI.1919, E.R. Buckell/ HOLOTYPE *Mallota columbiae* Curr., CNC No. 272.
- Mallota diversipennis*** Curran, 1922c, Can. Ent. 54: 16.
Holotype ♀: (No locality data) HOLOTYPE *Mallota diversipennis* Curr., CNC No. 271.
Remarks: The original description indicates the locality as probably Canada.
- Mallota intermedia*** Hull, 1949e, Psyche 56: 125. PERU.
Holotype ♀: F. Sinchono, Dys. Huanuco, Peru., J. Schunke, Agosto 20.1947/ inter/ Frank M. Hull Collection CNC 1973/ *Mallota* HOLOTYPE *intermedia* Hull/ HOLOTYPE *Mallota intermedia* Hull, CNC No. 20429.
Remarks: Both antennae are missing from the holotype.
- Mallota mississippiensis*** Hull, 1946a, Ent. News (1945) 56: 268. USA.
Holotype ♂: Oxford, Miss., Mar. 11, 1945/ F.M. Hull Collector/ HOLOTYPE *Mallota mississippiensis* [sic] Hull/ *Mallota mississippiensis* [sic] Hull, Det. F.M. Hull/ HOLOTYPE *Mallota mississippiensis* Hull, CNC No. 20463.
- Mallota separata*** Hull, 1945, Ent. News 56: 184. USA.
Holotype ♂: Oxford, Miss., Mar. 29, 1943/ F.M. Hull Collector/ Holotype *separata* Hull/ *Mallota separata* n.sp./ HOLOTYPE *Mallota separata* Hull, CNC No. 20464.
- Mallota smithi*** Williston, 1892, Biologia Cent.-am. 3: 70. MEXICO.
Syntype: 1♂, CNC No. 20626.
"♂"; Omilteme, Guerrero, 8000 ft., July, H.H. Smith/ *Mallota smithi* Will./ Cotype/ Biol. Centr. Amer. Dipt. Syrphidae. F.D. Godman, O. Salvin, 1903-51/ Frank M. Hull Collection, CNC 1973/ SYNTYPE *Mallota smithi* Williston, CNC No. 20626.
- Melangyna (Meligramma) vespertina*** Vockeroth, 1980, Can. Ent. 112: 777. CANADA.
Holotype ♂: Surrey, B.C., em. 15.VII.73, H. Gerber/ Larva on *Macrosiphum* on *Pteridium aquilinum*/ *Melangyna* HOLOTYPE *vespertina* Vockeroth, CNC No. 16071.
Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen. The puparium of the holotype is mounted on a paper point and pinned with the specimen.
- Melanostoma agens*** Curran, 1931c, Can. Ent. 63: 253. CANADA.
Holotype ♂: Melita, Man., 9.VII.1927, E. & S. Criddle/ HOLOTYPE *Melanostoma agens* Curran, CNC No. 3439/ *Melanostoma* TYPE *agens* ♂ Curran/ *Melanostoma agens* Curran, Det. C.H. Curran.
Allotype ♀: Waseca, Sask., 10.VII.1926, N.J. Atkinson/ ALLOTYPES *Melanostoma agens* Curran, CNC No. 3439/ *Melanostoma* ALLOTYPES *agens* ♀ Curran.
Paratypes: 2♀♀, Quebec; 2♂♂, Manitoba.
- Melanostoma chilosia*** Curran, 1922b, Can. Ent. (1921) 53: 275. CANADA.
Holotype ♀: Banff, Alta., 1916, N.B. Sanson/ HOLOTYPE *M. chilosia* Curran, CNC No. 470.
- Melanostoma confusum*** Curran, 1925, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 112. CANADA.
Holotype ♂: Orillia, Ont., 5.V.1921/ Collector H. Curran/ HOLOTYPE *M. confusa* [sic] Curran, CNC No. 467.
Allotype ♀: Same data as holotype except 17.V.1921.
Paratypes: 1♂, 3♀♀, Ontario.
Remarks: The right wing is missing from the holotype.
- Melanostoma crenulatum*** Williston, 1891, Biologia cent.-am. 3: 12. MEXICO.
Syntype: 1♀, CNC No. 19318.
"♀"; Xucumanatlan, Guerrero, 7000 ft. July H.H. Smith/ *Melanostoma crenulatum* Will./ Biol. Centr. Amer. Dipt. Syrphidae F.D. Godman, O. Salvin. 1903-51/ Cotype/ SYNTYPE *Melanostoma crenulatum* Williston, CNC No. 19318.
- Melanostoma fallax*** Curran, 1923h, Can. Ent. 55: 271. CANADA.
Holotype ♂: Banff, Alta., 5.V.1922, C.B.D. Garrett/ HOLOTYPE *Melanostoma* [sic] *fallax* Curran, CNC No. 574.
Allotype ♀: Same data as holotype.

Paratypes: 2♀♀, Alberta.

Melanostoma lata Curran, 1922b, Can. Ent. (1921) 53: 276.
CANADA.
Holotype ♀: White Horse, July-August, A.P.
Hawes/ HOLOTYPE *M. lata* Curran, CNC No.
468.

Melanostoma melanderi Curran, 1930b, Bull. Am. Mus. nat.
Hist. (1931) 61: 64. USA.
Syntypes: 1♂, 1♀, CNC No. 1503.
"♂, ♀"; Ilwaco, Wash. 5 May 1918, A.L.
Melander/ Paratype melanderi/ PARATYPE *M.*
melanderi Curran No. 1503/ SYNTYPE
Melanostoma melanderi Curran CNC No. 1503.

Melanostoma nitidiventris Curran, 1931c, Can. Ent. 63: 252.
CANADA.
Holotype ♀: Jordan, Ont., 13.V.1915, C.H. Curran/
Melanostoma nitidiventris Curran,
CNC No. 3409/ *Melanostoma* TYPE
nitidiventris ♀ Curran, No.
Paratype: 1♀, Ontario.

Melanostoma pollitarsis Curran, 1926c, Can. Ent. 58: 83.
USA.
Holotype ♂: Madison, Wis., 7.17.18/ Chas. L.
Fluke Collector/ HOLOTYPE *Melanostoma*
pollitarsis [sic] Curran CNC No. 1864.
Allotype ♀: Dane County, Wis., 7.29.18/ Chas. L.
Fluke Collector/ ALLOTYPE *Melanostoma*
pollitarsis [sic] Curran CNC No. 1864.
Paratypes: 3♂♂, 1♀, Wisconsin; 1♂, Ontario
(Canada).

Melanostoma squamulae Curran, 1922b, Can. Ent. (1921) 53:
275. CANADA.
Holotype ♂: Victoria, B.C., 7.IV.1920/ W.B.
Anderson/ HOLOTYPE *M. squamulae* Curran,
CNC No. 469.
Allotype ♀: Victoria, B.C., May 1916, R.C.
Treherne/ ALLOTYPE *M. squamulae* Curran,
CNC No. 469.

Meromacrus ceres Hull, 1942c, J. Kans. ent. Soc. 15: 11.
BRAZIL.
Holotype ♂: Cayenne, [Brazil]/ Holotype *M. ceres*
Hull/ Type *Meromacrus ceres* Hull, Det. F.M.
Hull/ HOLOTYPE *Meromacrus ceres* Hull,
CNC No. 20465.

Meromacrus flavolinea Hull, 1949e, Psyche 56: 131. PERU.
Holotype ♂: Pucallpa, Peru, J. Schunke, Dec. 11,
1947/ Holotype *Meromacrus flavolinea* Hull/
HOLOTYPE *Meromacrus flavolinea* Hull, CNC
No. 20466.

Meromacrus gloriosus Hull, 1941a, Bull. Brooklyn ent. Soc.
36: 166. USA.
Holotype ♂: Las Cruces, N. Mex., Apr. 1927, F.M.
Hull coll./ Holotype *gloriosus* Hull/

Meromacrus gloriosus Hull/ HOLOTYPE
Meromacrus gloriosus Hull, CNC No. 20467.

Meromacrus matilda Hull, 1949, Psyche 56: 127. PERU.
Holotype ♀: Pucallpa, Peru, J. Schunke, Nov 8,
1947/ HOLOTYPE *Meromacrus matilda* Hull/
HOLOTYPE *Meromacrus matilda* Hull, CNC
No. 20468.

Meromacrus villosa Hull, 1949e, Psyche 56: 129. PERU.
Holotype ♂: Pucallpa, Peru, J. Schunke, Dec. 8,
1947/ Holotype *Meromacrus villosa* Hull/
HOLOTYPE *Meromacrus villosa* Hull, CNC
No. 20469.

Meropidia neurostigma Hippa *in* Hippa & Thompson, 1983,
Papéis avuls. Zool. SPaulo 35: 111. BOLIVIA.
Holotype ♂: Incachaca, Cochab., BOLIVIA,
25-31.VIII.1956, L.E. Peña/ Holotype
Meropidia neurostigma Hippa 1983/
HOLOTYPE *Meropidia neurostigma* Hippa,
CNC No. 20424.
Paratypes: 2♀♀, Bolivia.
Remarks: The holotype has its terminalia stored in
glycerine in a glass microvial that is pinned with
the specimen.

Mesogramma aeolus Hull, 1942e, Revta Ent., Rio de J. 13: 47.
CUBA.
Holotype ♂: (No locality label) Holotype *aeolus*
Hull/ *Mesogramma aeolus* Hull/ HOLOTYPE
Mesogramma aeolus Hull, CNC No. 20470.
Remarks: The holotype has its terminalia stored in
glycerine in a plastic microvial that is pinned
with the specimen. The original description
indicates the locality as Cuba.

Mesogramma anthrax var. *flammaria* Hull, 1943d,
Entomologica am. 23: 27. HONDURAS.
Holotype ♂: (No locality label) 11/ *Mesogramma*
flammaria Type H./ HOLOTYPE *Mesogramma*
anthrax Schiner var. *flammaria* Hull, CNC No.
20472.
Remarks: The original description indicates the
locality as Honduras.

Mesogramma arethusa Hull, 1945, Ent. News 56: 185. USA.
Holotype ♂: (No locality label) 04/ Holotype
arethusa Hull/ *Mesogramma arethusa* Hull, Det.
F.M. Hull/ HOLOTYPE *Mesogramma arethusa*
Hull, CNC No. 20471.
Allotype ♀: Same data as holotype.
Remarks: The holotype has its terminalia stored in
glycerine in a glass microvial that is pinned with
the specimen. The locality given in the original
description is University of Mississippi.

Mesogramma basilaris var. *flavocuneus* Hull, 1940b, J. Wash.
Acad. Sci. 30: 433. HONDURAS.
Holotype ♀: (No locality label) 11/ Holotype
basilaris Wd. var. *flavocuneus* Hull/

- HOLOTYPE *Mesogramma basilaris* Wd. var. *flavocuneus* Hull, CNC No. 20475.
Remarks: The original description indicates the locality as Honduras.
- Mesogramma basilaris* var. *neotropica* Hull, 1943d, Entomologica am. 23: 36, fig. 54 (also p. 14 in key). BRAZIL.
Holotype ♀: S. Paulo 14-IV-17 S. amaro J. Lane coll./ HOLOTYPE *Mesogramma basilaris* var. *neotropica* Hull CNC No. 21511/ *Basilaris*/ *Mesogramma neotropica* Det. Type series F.M. Hull Hull/ Frank M. Hull Collection C.N.C. 1973.
- Mesogramma brevifacies* Hull, 1943d, Entomologica am. 23: 20. ECUADOR.
Syntypes: 2♂♂, 1♀, CNC No. 20643.
"♂"; Banos, Ecuad. 24-IV-39 - 1700 m., W.C. Macintyre/ Paratype *brevifacies*/ SYNTYPE *Mesogramma brevifacies* Hull, CNC No. 20643.
"♂"; Banos, Ecuad., 21-IV-39 - 1900 m., W.C. Macintyre/ Paratype *brevifacies*/ *Mesogramma brevifacies* Hull, det. F.M. Hull/ SYNTYPE *Mesogramma brevifacies* Hull, CNC No. 20643.
"♀"; Pichincha, Ecuador Uyumbicho, 2700 m. XI.4 to 13-28, F. Martin Brown/ Paratype *brevifacies*/ SYNTYPE *Mesogramma brevifacies* Hull, CNC No. 20643.
- Mesogramma croesus* Hull, 1940a, Ent. News 51: 248. BRAZIL.
Holotype ♂: S. Paulo, OSASCO, 6-8.IV.39, J. Lane coll./ Holotype *croesus* Hull/ *Mesogramma croesus* Hull/ HOLOTYPE *Mesogramma croesus* Hull, CNC No. 21117.
Remarks: The holotype has its terminalia stored in glycerine in a plastic microvial that is pinned with the specimen.
- Mesogramma ecuadorea* Hull, 1943, Entomologica am. 23: 19. ECUADOR.
Syntypes: 3♂♂, 2♀♀, CNC No. 20644.
"♂"; Cuenca, Azway. Ecu. 2500 m. 22.11.39/ F.M. & H. Brown Collectors/ Paratype *ecuadorea*/ SYNTYPE *Mesogramma ecuadorea* Hull, CNC No. 20644.
"♂"; Runtun, Ecuador, Vol. Tungurahua, XI.22.38, 2900 m. F.M. & H.H. Brown/ paratype *ecuadorea*/ SYNTYPE *Mesogramma ecuadorea* Hull, CNC No. 20644.
"♂"; Banos, Ecuad., 13.V.39 - 2500 m., W.C. Macintyre/ paratype *ecuadorea*/ Long face/ lower face retreats/ *Mesogramma ecuadorea* Hull, Det. F.M. Hull/ SYNTYPE *Mesogramma ecuadorea* Hull, CNC No. 20644.
"♀"; Banos, Ecuador, Tungurahua, 1800 m., XI.20.1938, F.M. & H.H. Brown/ paratype *ecuadorea*/ SYNTYPE *Mesogramma ecuadorea* Hull, CNC No. 20644.
"♀"; Banos, Ecuad., 29.IV.39 - 1900 m., W.C. Macintyre/ paratype *ecuadorea*/ SYNTYPE *Mesogramma ecuadorea* Hull, CNC No. 20644.
- Mesogramma elongata* Hull, 1941c, Psyche 48: 46. COLOMBIA.
Syntypes: 2♂♂, CNC No. 20634.
"2♂♂"; Muzo Dept. Boyaca alt. 900 m/ Colombia 1936/ J. Bequaert Collector/ Cotype *elongata* Hull/ SYNTYPE *Mesogramma elongata* Hull, CNC No. 20634.
- Mesogramma extrapolata* Hull, 1943d, Entomologica am. 23: 22. CUBA.
Holotype ♂: Soledad, Cuba, Aug 37/ Holotype *extrapolata* Hull/ HOLOTYPE *Mesogramma extrapolata* Hull CNC No. 21609/ *Toxomerus pictus* det. (Macquart) FC Thompson 1974.
- Mesogramma flamminea* Hull, 1941e, J. Wash. Acad. Sci. 31: 312. BRAZIL.
Holotype ♂: S. Paulo, Severinia, A.G. Silva, XII.40/ Holotype *flamminea* Hull/ HOLOTYPE *Mesogramma flamminea* Hull, CNC No. 20473.
- Mesogramma flava* Hull, 1941f, J. Wash. Acad. Sci. 31: 432. COLOMBIA.
Holotype ♀: Restrepo, Dept. Meta alt. 500 M./ Colombia 1936/ J. Bequaert Collector/ Holotype *flava* Hull/ HOLOTYPE *Mesogramma flava* Hull, CNC No. 20474.
- Mesogramma gemini* Hull, 1941e, J. Wash. Acad. Sci. 31: 312. BRAZIL.
Holotype ♀: S. Paulo, Batea, IX.27, J. Lane/ HOLOTYPE *Mesogramma gemini* Hull, CNC No. 19329/ Holotype *gemini* Hull/ *Mesogramma gemini* sp.
Remarks: The original description indicates the collection date as March 1922, but the date on the locality label of the holotype is September 1927.
- Mesogramma intermedia* Hull, 1949c, Bull. Brooklyn ent. Soc. 44: 77. PERU.
Holotype ♀: (A white label with indecipherable handwriting). Holotype *intermedia*/ HOLOTYPE *Mesogramma intermedia* Hull, CNC No. 20476
Remarks: The locality given in the original description is Peru.
- Mesogramma lyrata* Hull, 1940b, J. Wash. Acad. Sci. 30: 432. PANAMA.
Holotype ♂: (No locality label) Holotype *lyrata* Hull/ *Mesogramma lyrata* n.sp./ HOLOTYPE *Mesogramma lyrata* Hull, CNC No. 20477.
Remarks: The locality given in the original description is Barro Colorado Island.

- Mesogramma mulio* Hull, 1941e, J. Wash. Acad. Sci. 31: 311. BRAZIL.
Holotype ♂: S. Paulo, Juquia, J. Lane col./ 1.151/
Holotype mulio Hull/ Mesogramma mulio Hull/
HOLOTYPE Mesogramma mulio Hull, CNC
No. 20479.
- Mesogramma picta* var. *melleoguttata* Hull, 1941c, Psyche 48: 45. PANAMA.
Holotype ♀: Barro Colorado, Aug. 25, 1938, F.M.
Hull coll./ Holotype picta Sch. var. melleoguttata
Hull/ HOLOTYPE Mesogramma picta Sch. var.
melleoguttata, CNC No. 20478.
Remarks: Hull indicates Schiner as the author of
picta however, Fluke (1956, p. 228) and
Thompson, *et al.* (1976, p. 53) correctly
attribute the name *picta* to Macquart.
- Mesogramma polygraphica* Hull, 1940a, Ent. News 51: 249. BRAZIL.
Holotype ♀: S. Paulo, Batea, IX.37, J. Lane coll./
Holotype polygraphica Hull/ Mesogramma
polygraphica Hull/ HOLOTYPE Mesogramma
polygraphica Hull, CNC No. 20480.
- Mesogramma rhea* Hull, 1949g, Ent. News 60: 228. BRAZIL.
Syntypes: 1♂, 1♀, CNC No. 20646.
"♂"; Brasilien, Nova Teutonia, 27° 11' &
52° 23' L., Fritz Plaumann/ Cotype Mesogramma
rhea, Hull/ SYNTYPE Mesogramma rhea Hull,
CNC No. 20646.
"♀"; Brasilien, Nova Teutonia, 27° 11' &
52° 23' L., Fritz Plaumann/ Cotype Mesogramma
rhea Hull/ SYNTYPE Mesogramma rhea Hull,
CNC No. 20646.
- Mesogramma selva* Hull, 1943d, Entomologica am. 23: 13. ECUADOR.
Syntypes: 1♂, 1♀, CNC No. 20645.
"♂"; Cuenca, Azway. Ecu., 2500 m.
22.11.39/ F.M. & H. Brown Collectors/
paratype selva/ Mesogramma selva Hull, Det.
F.M. Hull/ long face/ Front black/ SYNTYPE
Mesogramma selva Hull, CNC No. 20645.
"♀"; Hda Talahua, Bolivar, Ecu., 3100 m.
28.IV.39/ F.M. & H. Brown Collectors/
paratype selva/ SYNTYPE Mesogramma selva
Hull, CNC No. 20645.
- Mesogramma steatogaster* Hull, 1941d, J. Kans. ent. Soc. 14: 62. BRAZIL.
Holotype ♀: Rio Branco, Amazonas, 28.VIII.24/
Holotype steatogaster Hull/ Mesogramma
steatogaster Hull/ HOLOTYPE Mesogramma
steatogaster Hull, CNC No. 20481.
- Mesogramma triradiata* Hull, 1942e, Revta Ent., Rio de J. 13: 48. PANAMA.
Holotype ♂: Barro Colo., Pan., Aug. 1938, F.M.
Hull/ Holotype triradiata Hull/ Mesogramma
triradiata Hull/ HOLOTYPE Mesogramma
triradiata Hull, CNC No. 20482.
- Mesogramma vitrea* Hull, 1941c, Psyche 48: 45. BRAZIL.
Holotype ♂: S. Paulo, Juquia, J. Lane Col., 7.XI./
1.118/ Holotype vitrea Hull/ HOLOTYPE
Mesogramma vitrea Hull, CNC No. 20483.
- Mesograptia apegiensis* Harbach, 1974, Proc. ent. Soc. Wash. 76: 31. BRAZIL.
Holotype ♂: Belem, Para Brazil, 26.IV.1967 Coll.
Y. Sedman/ Holotype/ HOLOTYPE Mesograptia
apegiensis Harbach CNC No. 21110/
Mesograptia apegiensis Det. R. Harbach.
Allotype ♀: Same data as holotype.
Paratypes: 2♂♂, 1♀, Brazil.
Remarks: The holotype, allotype and paratypes have
their terminalia stored in glycerine in plastic
microvials that are pinned with their respective
specimens.
- Metasyrphus chillcotti* Fluke, 1952, Am. Mus. Novit. 1590: 20. CANADA.
Holotype ♀: Fort Churchill, Man., 25.VIII.1950,
J.G. Chillcott/ HOLOTYPE Metasyrphus
chillcotti Fluke, CNC No. 6024/ HOLOTYPE
♀ Metasyrphus chillcotti Fluke.
Allotype ♂: Chesterfield, N.W.T., 12.VIII.1950,
J.G. Chillcott/ ALLOTYP E Metasyrphus
chillcotti Fluke No. 6024/ ALLOTYP E ♂
Metasyrphus chillcotti Fluke.
Paratypes: 2♀♀, Quebec; 3♀♀, Northwest
Territories.
Remarks: The allotype has its terminalia stored in
glycerine in a glass microvial that is pinned with
the specimen.
- Metasyrphus luniger vockerothi* Fluke, 1952, Am. Mus. Novit. 1590: 17. CANADA.
Holotype ♂: Reindeer Depot, Mackenzie Delta,
30.VI.1948, J.R. Vockeroth/ Metasyrphus
HOLOTYPE luniger vockerothi Fluke, CNC
No. 6023.
Allotype ♀: Same data as holotype except
6.VII.1948.
Paratypes: 1♂, 4♀♀, Quebec; 1♂, Manitoba; 1♂,
5♀♀, Yukon; 3♂♂, 9♀♀, Northwest
Territories.
Remarks: There is one additional specimen labeled
as a paratype, but it is not from a locality
mentioned in original description.
- Metasyrphus nigrocomus* Hull, 1943c, Bull. Brooklyn ent. Soc. 38: 48. USA.
Holotype ♀: (No locality label) F.M. Hull/
Metasyrphus nigrocomus Hull/ Holotype
Metasyrphus nigrocomus Hull/ HOLOTYPE
Metasyrphus nigrocomus Hull, CNC No.
20484.
Remarks: The locality given in the original
description is Mt. Rainier, Washington.

- Microdon aurifacia*** Hull, 1937a, J. Wash. Acad. Sci. 27: 169. BRAZIL.
Syntypes: 1♂, CNC No. 20631.
"♂"; Ita[quaecetuba] 20.IX., on foliage/
PARATYPE *Microdon aurifacia* Hull/
SYNTYPE *Microdon aurifacia* Hull, CNC No. 20631.
Remarks: There is one additional ♂ specimen labeled as a paratype, but it is not from a locality mentioned in the original description.
- Microdon basicornis*** Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 79. CANADA.
Holotype ♂: Barber D., N.B., 23.VI.1914, J.D. Tothill/ HOLOTYPE *Microdon basicornis* Curr., CNC No. 276.
Remarks: The holotype has its terminalia glued to a paper point that is pinned with the specimen.
- Microdon hondurania*** Hull, 1940a, Ent. News 51: 247. HONDURAS.
Holotype ♂: Salado R., 20 mi. inland, Hond., 8.30.38/ F.M. Hull Collector/ Holotype *hondurania* Hull/ HOLOTYPE *Microdon hondurania* Hull, CNC No. 20440.
Remarks: The right wing is missing from the holotype.
- Microdon manitobensis*** Curran, 1924a, Psyche 31: 227. CANADA.
Lectotype ♂: Elmboro, Sask 28.X.1915 J.E. Jewsbury/ HoloTYPE *Microdon manitobensis* Curr. CNC No. 274/ LECTOTYPE CNC No. 274 *Microdon manitobensis* desig.[nation] Thomp.[son] 1981.
Allolectotype ♀: Same data as lectotype.
Paralectotypes: 1♂, 1♀, Manitoba.
Remarks: For lectotype designation see Thompson (1981, p. 746). The allolectotype and paralectotypes have their associated puparia pinned with their respective specimens.
- Microdon (Omegasyrphus) painteri*** Hull, 1922, Ann. ent. Soc. Am. 15: 370. USA.
Holotype ♂: Greenville, Miss., 9.18.20/ F.M. Hull Collector/ Holotype ♂ *Microdon painteri* Hull/ HOLOTYPE *Microdon (Omegasyrphus) painteri* Hull, CNC No. 20441.
Paratype: 1♂, Mississippi.
Remarks: Both antennae are missing from the holotype. The holotype has its terminalia glued to a paper point that is pinned with the specimen.
- Microdon pallipennis*** Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 89. USA.
Syntypes: 2♂♂, CNC No. 3471.
"♂"; Austin, Tex., 15.X.21, Painter Coll/
PARATYPE *Microdon pallipennis* Curran, No. 3471/ SYNTYPE *Microdon pallipennis* Curran, CNC No. 3471.
"♂"; Austin, Tex., 10.IV.21, R.H. Painter Coll./ Paratype *pallipennis*/ PARATYPE *Microdon pallipennis* Snow/ SYNTYPE *Microdon pallipennis* Curran, CNC No. 3471.
- Milesia prolixa*** Hippra, 1990, Acta zool. fenn. 187: 55. NIGERIA.
Holotype ♂: Nigeria: Obudu CR, SE State 23 Mar 1971 Col. J.T. Medler/ Holotype *Milesia prolixa* H. Hippra 1984/ HOLOTYPE *Milesia prolixa* Hippra, CNC No. 21104.
Remarks: The holotype has its terminalia stored in glycerine in a plastic microvial that is pinned with the specimen.
- Milesia scutellata*** Hull, 1924, Ent. News 35: 280. USA.
Holotype ♂: A.M. College [Mississippi] 5.11.21/ Holotype *Milesia scutellata* Hull/ *Milesia scutellata* Hull, Type/ HOLOTYPE *Milesia scutellata* Hull, CNC No. 20485.
- Mixogaster johnsoni*** Hull, 1941g, Ent. News 52: 162. USA.
Holotype ♀: Dennisport, Mass./ Sept. 3, 1935, J. Bequaert/ Holotype *Mixogaster johnsoni* Hull/ HOLOTYPE *Mixogaster johnsoni* Hull, CNC No. 20443.
- Mixogaster pithecofascia*** Hull, 1943a, Revta Ent., Rio de J. 14: 512. COLOMBIA.
Holotype ♂: Restrepo Dept. Meta alt. 500 m/ Colombia 1936/ J. Bequaert Collector/ Holotype *Mixogaster pithecofascia* Hull/ HOLOTYPE *Mixogaster pithecofascia* Hull, CNC No. 20444.
- Myiolepta pretiosa*** Hull, 1923, Ohio J. Sci. 23: 295. USA.
Holotype ♀: Agr. Col. Miss., 7 Apr. 1922/ F.M. Hull/ HOLOTYPE *Myiolepta pretiosa* Hull/ HOLOTYPE *Myiolepta pretiosa* Hull, CNC No. 20486.
Paratype: 1♀, Mississippi.
- Myiolepta similis*** Thompson, 1974a, Ann. Natal Mus. 22: 331. UGANDA.
Holotype ♀: Entebbe, UGANDA, 20.VI.1972, H. Falke, In forest/ Holotype *Myiolepta similis* Thompson '74/ HOLOTYPE *Myiolepta similis* Thompson CNC No. 20416.
- Neoascia conica*** Curran, 1925b, Proc. ent. Soc. Wash. 27: 56. CANADA.
Holotype ♂: Banff, Alta., 1.VI.1922, C.B.D. Garrett/ HOLOTYPE *Neoascia conica* Curran, CNC No. 549.
Allotype ♀: Same data as holotype except 29.V.1922.
Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.
- Neoascia sphaerophoria*** Curran, 1925b, Proc. ent. Soc. Wash. 27: 57. CANADA.

- Holotype ♂: Banff, Alta., 15.VI.1922, C.B.D. Garrett/ HOLOTYPE *Neoscia sphaerophoria* Curr., CNC No. 547.
Allotype ♀: Same data as holotype except 1.VI.1922.
- Neoscia subchalybea* Curran, 1925b, Proc. ent. Soc. Wash. 27: 53. CANADA.
Holotype ♂: Montreal, Que., 20.V.06/ Holotype *Neoscia subchalybeus* [sic] Curr., CNC No. 619.
- Neoscia unifasciata* Curran, 1925b, Proc. ent. Soc. Wash. 27: 55. CANADA.
Holotype ♂: Aweme, Man., N. Criddle, 11.VIII.1917/ HOLOTYPE *Neoscia unifasciata* Curran, CNC No. 548.
Allotype ♀: Dauphin, Man., Mrs. W.W. Hippisley/ Allotype *Neoscia unifasciata* Curran, CNC No. 548.
Remarks: The holotype has its terminalia stored in glycerine in a plastic microvial that is pinned with the specimen.
- Neplas sapphirina* Hull, 1951a, Pan. Pacif. Ent. 27: 185. PERU.
Holotype ♂: (No locality label) 8.I.48/ Holotype *Neplas sapphirina* Hull/ HOLOTYPE *Neplas sapphirina* Hull, CNC No. 20487.
Remarks: The original description indicates the locality as Peru.
- Paragodon paragoides* Thompson, 1969, Psyche 76: 81. MEXICO.
Holotype ♂: Mazatlan, Sin., MEX. Aug 16 1964 at sea level J.F. McAlpine / HOLOTYPE *Paragodon paragoides* Thomp. CNC No. 21507/ Holotype *Paragodon paragoides* Thompson '66.
Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.
- Paragus (Paragus) angustistylus* Vockeroth, 1986, Can. Ent. 118: 190. CANADA.
Holotype ♂: N. Burgess Twp., Lanark Co., ONT., 23.VI.1968 D.M. Wood/ HOLOTYPE *Paragus (Paragus) angustistylus* Vockeroth, CNC No. 17720.
Paratypes: 7♂♂, Quebec; 35♂♂, Ontario; 2♂♂, New Hampshire (USA); 1♂, Illinois (USA); 1♂, Michigan (USA); 1♂, New Jersey (USA); 1♂, New York (USA).
- Paragus (Paragus) arizonensis* Vockeroth, 1986, Can. Ent. 118: 191. USA.
Holotype ♂: Ramsey Cyn. 5200' 15 mi. S. Sierra Vista, Huachuca Mts. ARIZ. 26.V.1967/ Collector R.F. Sternitzky/ HOLOTYPE *Paragus (Paragus) arizonensis* Vockeroth, CNC No. 17721.
Paratypes: 2♂♂, Arizona.
- Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.
- Paragus (Paragus) bispinosus* Vockeroth, 1986, Can. Ent. 118: 192. CANADA.
Holotype ♂: Sandbanks Pk. Nr. Picton, ONT. July 7, 1970 J.F. McAlpine/ HOLOTYPE *Paragus (Paragus) bispinosus* Vockeroth, CNC No. 17722.
Paratypes: 1♂, New Brunswick; 2♂♂, Ontario; 1♂, Colorado (USA); 1♂, Ohio (USA); 1♂, New Hampshire (USA); 1♂, Wisconsin (USA).
Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.
- Paragus (Paragus) cooverti* Vockeroth, 1986, Can. Ent. 118: 192. CANADA.
Holotype ♂: Grimshaw, Alta., 2.VI.1966, G.E. Shewell/ HOLOTYPE *Paragus (Paragus) cooverti* Vock., CNC No. 17723.
Paratypes: 2♂♂, New Brunswick; 1♂, Ontario; 1♂, Manitoba; 2♂♂, Alberta; 1♂, British Columbia; 3♂♂, Oregon (USA).
Remarks: The holotype plus several paratypes have their terminalia stored in glycerine in glass microvials that are pinned with their respective specimens.
- Paragus (Paragus) variabilis* Vockeroth, 1986, Can. Ent. 118: 193. CANADA.
Holotype ♂: Terrace, B.C. 31.V.1960 B. Heming 220/ HOLOTYPE *Paragus (Paragus) variabilis* Vockeroth, CNC No. 17724.
Paratypes: 2♂♂, New Brunswick; 1♂, Quebec; 2♂♂, 1♀, Manitoba; 4♂♂, Saskatchewan; 14♂♂, Alberta; 1♂, British Columbia; 1♂, 1♀, Yukon Territory; 2♂♂ Wyoming (USA); 2♂♂, Nevada (USA); 2♂♂, California (USA); 2♂♂, Oregon (USA); 42♂♂, Colorado (USA); 1♂, Utah (USA).
- Parhelophilus brooksi* Curran, 1927e, Can. Ent. 59: 90. CANADA.
Holotype ♂: Winnipegosis, Man., 13.VII.26, G.S. Brooks/ *Parhelophilus* HOLOTYPE *brooksi* ♂ Curran CNC No. 631.
Paratypes: 3♂♂, Manitoba.
- Parhelophilus rex* Curran & Fluke, 1926, Trans. Wis. Acad. Sci. Arts Lett. 22: 234. CANADA.
Holotype ♂: N.K. Bigelow, Macdiarmid, Lake Nipigon, Ont., 21.VIII.1923/ *Parhelophilus* HOLOTYPE *rex* ♂ Curr. & Fl., CNC No. 2223.
Allotype ♀: Same data as holotype.
Paratypes: 2♂♂, Ontario.

- Pipiza atrata* Curran, 1922h, Can. Ent. 54: 283. CANADA.
Holotype ♂: Chilcotin, B.C., 18.VI.1920, E.R. Buckell/ HOLOTYPE *Pipiza atrata* Curr., CNC No. 505.
- Pipiza nigrotibiata* Curran, 1924b, Occ. Pap. Boston Soc. nat. Hist. 5: 81. CANADA.
Holotype ♂: Bathurst, N.B., VI-15/ J.N. Knull Coll./ HOLOTYPE *Pipiza nigrotibiata* Curr., CNC No. 776.
Paratype: 1♂, Massachusetts (USA).
- Planes chrysopressa* Hull, 1941g, Ent. News 52: 158. PANAMA.
Holotype ♀: Barro, Colorado, Panama, August 1938/ F.M. Hull Collector/ Holotype *chrysopressa*/ *Planes chrysopressa* Hull, Type/ HOLOTYPE *Planes chrysopressa* Hull, CNC No. 20488.
- Planes cuprescens* Hull, 1941g, Ent. News 52: 159. PANAMA.
Holotype ♀: Barro, Colorado, Panama, Aug. 1938/ F.M. Hull Collector/ Holotype *cuprescens*/ *Planes cuprescens* Hull, TYPE/ HOLOTYPE *Planes cuprescens* Hull, CNC No. 20489.
- Planes grisea* Hull, 1941h, Ent. News 52: 281. BRAZIL.
Holotype ♂: S. Paulo, Juquia, J. Lane col. XI.38/ 1.115/ Holotype *grisea*/ *Planes grisea* Hull Type/ HOLOTYPE *Planes grisea* Hull, CNC No. 20490.
- Planes valeria* Hull, 1941h, Ent. News 52: 282. BRAZIL.
Holotype ♂: S. Paulo, Batea, XI.40, J. Lane coll./ Holotype *valeria*/ *Planes valeria* Hull, Type/ *Planes valeria* Hull, Type/ *Planes armipes* Cur. Hull/ HOLOTYPE *Planes valeria* Hull, CNC No. 20491.
- Platycheirus amplus* Curran, 1927a, Am. Mus. Novit. 247: 4. CANADA.
Holotype ♂: Low Bush, Ont., Lake Abitibi, VII.15.1925, N.K. Bigelow/ *Platycheirus* HOLOTYPE *amplus* Curran, CNC No. 2022.
- Platycheirus bigelowi* Curran, 1927a, Am. Mus. Novit. 247: 5. CANADA.
Holotype ♂: Low Bush, Ont., Lake Abitibi, VI-9-1925, N.K. Bigelow/ *Platycheirus* HOLOTYPE *bigelowi* Curran, CNC No. 2023.
Allotype ♀: Same data as holotype except June 30, 1925.
- Platycheirus chirosphena* Hull, 1944c, Bull. Brooklyn ent. Soc. 39: 76. CANADA.
Holotype ♂: Oliver, B.C., 6.V., C. Garrett/ HOLOTYPE *Platycheirus chirosphena* Hull, CNC No. 19304/ Holotype *chirosphena* Hull.
- Platycheirus coracinus* Vockeroth, 1990, Can. Ent. 122: 691. CANADA.
Holotype ♂: Yukon 10 km S. Carcross, 18.VII.80 1830 m G. & M. Wood/ HOLOTYPE *Platycheirus coracinus* Vockeroth, CNC No. 17271.
Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.
- Platycheirus erraticus* Curran, 1927a, Am. Mus. Novit. 247: 7. CANADA.
Holotype ♂: Orillia, Ont., 28.IV.1921/ Collector H. Curran/ *Platycheirus* HOLOTYPE ♂ *erraticus* Curran, CNC No. 2024.
Allotype ♀: Same data as holotype except Sept. 12.1920.
Paratypes: 1♀, Quebec; 8♂♂, 7♀♀, Ontario; 3♂♂, 5♀♀, Manitoba; 3♂♂, 4♀♀, British Columbia; 1♂, 1♀, Wisconsin (USA).
- Platycheirus felix* Curran, 1931b, Can. Ent. 63: 94. CANADA.
Holotype ♂: Bonne Esperance, Que., 14.VII.1929, W.J. Brown/ HOLOTYPE *Platycheirus felix* Curran, CNC No. 3410.
Allotype ♀: Same data as holotype.
Paratypes: 5♀♀, Quebec.
- Platycheirus femineum* Curran, 1931c, Can. Ent. 63: 251. CANADA.
Holotype ♀: Tabatiere, Que., 11.VII.1929, W.J. Brown/ *Platycheirus* HOLOTYPE *femineum* ♀ Curran, CNC No. 3296.
- Platycheirus flabella* Hull, 1944c, Bull. Brooklyn ent. Soc. 39: 75. USA.
Holotype ♂: Mt. Rainier, WASH., July 26, F.M. Hull/ HOLOTYPE *Platycheirus flabella* Hull, CNC No. 19302/ Holotype *flabella* Hull/ *Platycheirus flabella* Hull, Det. F.M. Hull.
- Platycheirus hispidipes* Vockeroth, 1990, Can. Ent. 122: 697. CANADA.
Holotype ♂: 32 mi. SW Terrace, B.C. 11.VI.1960, R. Pilfrey 50'/ HOLOTYPE *Platycheirus hispidipes* Vockeroth, CNC No. 17272.
- Platycheirus inversus* Ide, 1926, Can. Ent. 58: 156. CANADA.
Holotype ♂: Hull, 30.V.03/ *Platycheirus* HOLOTYPE *inversus* Ide, CNC No. 1301.
Paratype: 1♂, Nova Scotia.
- Platycheirus latitarsis* Vockeroth, 1990, Can. Ent. 122: 705. CANADA.
Holotype ♂: Kitsequecla R. 76 mi. E. Terrace, B.C. El. 675' 16.VII.1960, C.H. Mann/ *Platycheirus* HOLOTYPE *latitarsis* Vockeroth, CNC No. 17273.
Paratypes: 3♂♂, British Columbia; 1♂, Yukon.
- Platycheirus modestus* Ide, 1926, Can. Ent. 58: 155. CANADA.

Holotype ♂: Megantic, Que., 22.VI.1923, C.H. Curran/ *Platycheirus* HOLOTYPE modestus Ide, CNC No. 1300.
Paratypes: 1♂, New Brunswick; 1♂, Quebec.

Platycheirus nearcticus Vockeroth, 1990, Can. Ent. 122: 711. CANADA.

Holotype ♂: Masham Twp. QUE. Gatineau Co. 22-26.VI.1974 D.M. Wood/ *Platycheirus* HOLOTYPE nearcticus Vockeroth, CNC No. 17274.

Paratypes: 2♂♂, Newfoundland; 1♂, Nova Scotia; 5♂♂, New Brunswick; 14♂♂, Quebec; 28♂♂, Ontario; 2♂♂, Manitoba; 1♂, Alberta; 9♂♂, British Columbia; 3♂♂, Yukon; 2♂♂, New Mexico (USA); 2♂♂, New York (USA); 5♂♂, New Hampshire (USA); 1♂, New Jersey (USA); 1♂, Maryland (USA); 2♂♂, Pennsylvania (USA).

Platycheirus nielsenii Vockeroth, 1990, Can. Ent. 122: 712. CANADA.

Holotype ♂: YUKON, 65°55'N 135°46'W 3300' Richardson Mts. 5.VII.82 M. Wood/ *Platycheirus* HOLOTYPE nielsenii Vockeroth, CNC No. 17278.

Paratypes: 3♂♂, Newfoundland; 2♂♂, Manitoba; 2♂♂, Northwest Territories; 16♂♂, Yukon; 14♂♂, Wales; 4♂♂, Sweden; 1♂, Italy.

Platycheirus nodosus Curran, 1923h, Can. Ent. 55: 272. CANADA.

Holotype ♂: Banff, Alta., 18.VI.1922, C.B.D. Garrett/ HOLOTYPE *Platycheirus* [sic] nodosus Curr., CNC No. 519.

Allotype ♀: Same data as holotype.

Paratypes: 1♂, 1♀, Alberta.

Remarks: In the original description the generic name is spelled as *Platycheirus*.

Platycheirus octavus Vockeroth, 1990, Can. Ent. 122: 719. CANADA.

Holotype ♂: Robson, B.C. 28.IV.1958, H.R. Foxlee/ *Platycheirus* HOLOTYPE octavus Vockeroth, CNC No. 17460.

Paratypes: 1♂, British Columbia; 2♂♂, Oregon (USA).

Platycheirus orarius Vockeroth, 1990, Can. Ent. 122: 720. USA.

Holotype ♂: N.H., Rye, Odiorne Beach, 22.VI.1982, J.R. Vockeroth/ Swept from Salt Marsh/ *Platycheirus* HOLOTYPE orarius Vockeroth, CNC No. 17275.

Paratypes: 2♂♂, Labrador (Canada); 6♂♂, 7♀♀, New Brunswick (Canada); 5♂♂, 1♀, Nova Scotia (Canada); 4♂♂, 9♀♀, New Hampshire; 1♂, Maine; 5♂♂, Massachusetts; 2♂♂, New Jersey.

Platycheirus oreadis Vockeroth, 1990, Can. Ent. 122: 720. USA.

Holotype ♂: Mt. Evans, COLO. 13200' 6.VIII, S.M. Clark '61/ HOLOTYPE *Platycheirus* oreadis Vockeroth, CNC No. 17276.

Platycheirus pauper Hull, 1944c, Bull. Brooklyn ent. Soc. 39: 77. USA.

Holotype ♂: Trail Ridge Road, Colo., VII.24.39/ Col by M.T. James/ HOLOTYPE *Platycheirus* pauper Hull, CNC No. 19301/ Holotype pauper Hull.

Platycheirus peltatooides Curran, 1923, Can. Ent. 55: 274. CANADA.

Holotype ♂: Penticton, B.C., 10.V.1919, E.R. Buckell/ HOLOTYPE *Platycheirus* [sic] peltatooides Curr., CNC No. 584.

Allotype ♀: Vernon, B.C., VI.30.1920, M.H. Ruhmann/ ALLOTYPE *Platycheirus* [sic] peltatooides Curr., CNC No. 584.

Paratype: 1♂, British Columbia.

Remarks. In the original description the generic name is spelled as *Platycheirus*.

Platycheirus pilatus Vockeroth, 1990, Can. Ent. 122: 724. USA.

Holotype ♂: Echo L. 10600' Mt. Evans, COLO. July 12 1961 C.H. Mann/ HOLOTYPE *Platycheirus* pilatus Vockeroth, CNC No. 17277.

Paratypes: 2♂♂, Alaska; 5♂♂, Colorado; 6♂♂, Manitoba (Canada); 1♂, Alberta (Canada); 4♂♂, Yukon (Canada); 1♂, Northwest Territories (Canada).

Platycheirus protrusus Vockeroth, 1990, Can. Ent. 122: 726. USA.

Holotype ♂: Mt. Evans, COLO. 14000' 25.VII. B.H. Poole '61/ HOLOTYPE *Platycheirus* protrusus Vockeroth, CNC No. 17278.

Paratypes: 2♀♀, Colorado.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.

Platycheirus pullatus Vockeroth, 1990, Can. Ent. 122: 726. CANADA.

Holotype ♂: Victoria Is., N.W.T. 71°17'N, 114°W 23-28.VII.1975, G. & M. Wood/ *Platycheirus* HOLOTYPE pullatus Vockeroth, CNC No. 17279.

Paratypes: 1♂, Alberta; 5♂♂, Yukon; 4♂♂, Northwest Territories.

Platycheirus rufigaster Vockeroth, 1990, Can. Ent. 122: 729. CANADA.

Holotype ♂: N.W.T. 21 m.e. Tuktoyaktuk 2-5.VII.71, D.M. Wood/ *Platycheirus* HOLOTYPE rufigaster Vockeroth, CNC No. 17280.

Paratypes: 5♂♂, 2♀♀, Northwest Territories.

Platycheirus rufimaculatus Vockeroth, 1990, Can. Ent. 122: 730. USA.

Holotype ♂: leg. A.R. Moldenke, Stanford University PhD Thesis Research 1968-70, Tioga Pass - Hall Area site, Mono Co., CALIF. # refers to date & host/ 4.VII.69 *Arabis* sp. #1478/*Platycheirus* HOLOTYPE *rufimaculatus* Vockeroth, CNC No. 17281.

Paratypes: 1♂, Utah; 1♂, Idaho; 1♂, 6♀♀, California; 1♀, Oregon; 1♂, 1♀, Alberta (Canada); 2♂♂, 1♀, British Columbia (Canada).

Platycheirus sabulicola Vockeroth, 1990, Can. Ent. 122: 731. CANADA.

Holotype ♂: YUKON, Carcross sand dunes 16-18.VI.1982, G. & M. Wood/ HOLOTYPE *Platycheirus sabulicola* Vockeroth, CNC No. 19465.

Paratypes: 13♂♂, 9♀♀, Yukon.

Platycheirus setipes Vockeroth, 1990, Can. Ent. 122: 735. CANADA.

Holotype ♂: BC. Manning Park, Dry Ridge Summit 1830 m. 25.VI.1983, S.G. Cannings/ HOLOTYPE *Platycheirus setipes* Vockeroth, CNC No. 17283.

Platycheirus settarsis Vockeroth, 1990, Can. Ent. 122: 736. CANADA.

Holotype ♂: Reindeer Depot, Mackenzie Delta 28.VI.1948, J.R. Vockeroth/ *Platycheirus* HOLOTYPE *settarsis* Vockeroth, CNC No. 17282.

Paratypes: 1♂, Manitoba; 4♂♂, British Columbia; 5♂♂, Northwest Territories; 1♂, Yukon; 1♂, Alaska (USA).

Platycheirus stegnoides Vockeroth, 1990, Can. Ent. 122: 738. CANADA.

Holotype ♂: Lakelse L. bog nr. Terracc, B.C. 14.VI.1960, C.H. Mann/ *Platycheirus* HOLOTYPE *stegnoides* Vockeroth, CNC No. 17284.

Paratypes: 22♂♂, 10♀♀, British Columbia; 1♀, Oregon (USA).

Platycheirus striatus Vockeroth, 1990, Can. Ent. 122: 740. USA.

Holotype ♂: Nederland, COLO. Science Lodge 9500' 1.VII. B.H. Poole '61/ HOLOTYPE *Platycheirus striatus* Vockeroth, CNC No. 17285.

Paratypes: 1♂, California; 1♂, Wyoming; 11♂♂, Colorado; 1♂, Labrador (Canada); 7♂♂, Quebec (Canada); 7♂♂, Ontario (Canada); 5♂♂, Alberta (Canada); 9♂♂, British Columbia (Canada); 4♂♂, Yukon (Canada).

Platycheirus thompsoni Vockeroth, 1990, Can. Ent. 122: 743. CANADA.

Holotype ♂: QUE. Beechgrove, 27.VI.1984 B.M. Bissett/ *Platycheirus* HOLOTYPE *thompsoni* Vockeroth, CNC No. 17287.

Paratypes: 1♂, New Brunswick; 9♂♂, Ontario; 2♂♂, Quebec.

Platycheirus thylax Hull, 1944c, Bull. Brooklyn ent. Soc. 39: 78. CANADA.

Holotype ♂: Aylmer, Que., 13.V.1920, J. McDunnough/ HOLOTYPE *Platycheirus thylax* Hull, CNC No. 19310/ Holotype *thylax* Hull.

Remarks: Most of the apical portion of the abdomen is missing from the holotype.

Platycheirus woodi Vockeroth, 1990, Can. Ent. 122: 747. CANADA.

Holotype ♂: YUKON, 66°08'N 135°44'W 2600' Richardson Mts 6.VII.82 M. Wood/ HOLOTYPE *Platycheirus woodi* Vockeroth, CNC No. 18789.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.

Platycheirus yukonensis Vockeroth, 1990, Can. Ent. 122: 747. CANADA.

Holotype ♂: Mi. 51, Y.T. Dempster Hwy. 17-21.VI.1973 G.& D.M. Wood/ HOLOTYPE *Platycheirus yukonensis* Vockeroth, CNC No. 20224.

Paratypes: 39♂♂, Yukon; 21♂♂, Northwest Territories.

Polybiomyia festiva Hull, 1930, Psyche 37: 178. USA.

Holotype ♀: College Sta., Tx., 4.22.20/ H.J. Reinhard/ Collector/ 478/ ♀/ Holotype *Ceriodes festiva* Hull/ *Ceriodes festiva* Hull Type/ HOLOTYPE *Polybiomyia festiva* Hull, CNC No. 20492.

Polybiomyia reinhardi Hull, 1930, Psyche 37: 180. USA.

Holotype ♀: Dilley, Tx., 5.11.20/ H.J. Reinhard/ Holotype *Ceriodes reinhardi* Hull/ *Ceriodes reinhardi* Hull, Type/ HOLOTYPE *Polybiomyia reinhardi* Hull, CNC No. 20493.

Quichuana hermosa Hull, 1951b, Jl. N.Y. ent. Soc. 59: 67. PERU.

Holotype ♀: Chanchamayo, Peru, 8.19.48, J. Schunke, 1100m/ Holotype *Quichuana hermosa* Hull/ HOLOTYPE *Quichuana hermosa* Hull, CNC No. 20434.

Quichuana inca var. *brevicera* Hull, 1946b, Am. Mus. Novit. 1317: 7. COLOMBIA.

Syntype: 1♂, CNC No. 20627. "♂"; Colombia, Atrata Valley, Boca de Arquia, V.VI.1914/ Wellcome Bureau of Scientific Research/ 1916-67/ Paratype *Quichuana inca*

Shan. v. brevicera Hull/ SYNTYPE Quichuana inca n. var. brevicera Hull CNC No. 20627.

Quichuana montana Hull, 1951b, Jl. N.Y. ent. Soc. 59: 65. PERU.
Holotype ♂: Chanchamayo, Peru, 5.17.48, 1100 m., J. Schunke/ Holotype Quichuana montana Hull/ HOLOTYPE Quichuana montana Hull, CNC No. 20430.
Allotype ♀: Chanchamayo, Peru, Dp. Juoin, July 26, 1948, Jose M. Schunke/ Collection of P.H. Arnaud Jr./ Allotype Quichuana montana Hull.
Remarks: The holotype has its terminalia glued to a paper point that is pinned with the specimen.

Quichuana quixotea Hull, 1946b, Am. Mus. Novit. 1317: 14. COLOMBIA.
Syntypes: 1♂, 1♀, CNC No. 20629.
"♂"; Muzo Dept. Boyaca, alt. 900 m./ Quihuana [sic] quixote [sic] Hull/ Colombia 1936/ J. Bequaert Collector/ Holotype quixote [sic] Hull/ SYNTYPE Quichuana quixotea Hull, CNC No. 20629.
"♀"; Pto. Olaya, Dept. Santander, alt. 100 m./ Colombia 1936/ J. Bequaert Collector/ Allotype quixotea Hull/ SYNTYPE Quichuana quixotea Hull, CNC No. 20629.

Quichuana sepiapennis Hull, 1943a, Revta Ent., Rio de J. 14: 510. PANAMA.
Holotype ♀: (No locality label) Quihuana [sic] sepiapennis Hull/ Holotype sepiapennis Hull/ HOLOTYPE Quichuana sepiapennis Hull, CNC No. 20435.
Remarks: In the original description the generic name is misspelled as *Quihuana*. The locality given in the original description is Barro Colorado, Panama.

Rhysops lachrymellea Hull, 1942c, J. Kans. ent. Soc. 15: 10. BRAZIL.
Holotype ♂: S. Paulo, Batea, X.40, J. Lane coll./ HOLOTYPE Rhysops lachrymellea Hull, CNC No. 19319/ Holotype Rhysops lachrymellea Hull/ Rhysops lachrymella [sic] Hull.

Rhysops pollinosa Hull, 1942c, J. Kans. ent. Soc. 15: 10. BRAZIL.
Holotype ♀: S. Paulo, Batea, XI.40, J. Lane coll./ HOLOTYPE Rhysops pollinosa Hull, CNC No. 19323/ Holotype Rhysops pollinosa Hull/ Rhysops pollinosa Hull/ Frank M. Hull Collection, CNC 1973.

Salpingogaster diana Hull, 1943b, Ent. News 54: 33. BRAZIL.
Holotype ♀: Beske 92 Brasilien/ Holotype Salpingogaster diana Hull/ HOLOTYPE Salpingogaster diana Hull, CNC No. 20496.
Remarks: Both antennae are missing from the holotype.

Salpingogaster halcyon Hull, 1940b, J. Wash. Acad. Sci. 30: 434. PANAMA.
Holotype ♂: Barro Colorado, Pan., Aug. 1938, F.M. Hull, coll./ Holotype Salpingogaster halcyon Hull/ Salpingogaster halcyon Hull, Type/ HOLOTYPE Salpingogaster halcyon Hull, CNC No. 20497.
Remarks: The abdomen is missing from the holotype.

Salpingogaster pessulagyna Hull, 1941c, Psyche 48: 48. PANAMA.
Holotype ♂: Barro Colorado, Pan., Aug. 1938, F.M. Hull, coll./ Holotype Salpingogaster pessulagyna Hull/ Salpingogaster pessulagyna Hull, Type/ HOLOTYPE Salpingogaster pessulagyna Hull, CNC No. 20498.

Salpingogaster stigmatipennis Hull, 1940a, Ent. News 51: 250. VENEZUELA.
Syntype: 1♀, CNC No. 21610.
"♀"; Lindig 1864 Venezuela/ Salpingogaster strigipennis. Litt/ strigipennis Altesammlung/ Salpingogaster stigmatipennis Hull nsp./ Cotype stigmatipennis Hull/ SYNTYPE Salpingogaster stigmatipennis Hull CNC No. 21610.

Salpingogaster urania Hull, 1949g, Ent. News 60: 232. PERU.
Holotype ♂: Chanchamayo, Peru, 6.8.48, J. Schunke, 1200 m./ 111/ Holotype Salpingogaster urania Hull/ HOLOTYPE Salpingogaster urania Hull, CNC No. 20499.
Paratypes: 3♂♂, 1♀, Peru.

Somula mississippiensis Hull, 1922, Ann. ent. Soc. Am. 15: 371. USA.
Syntypes: 2♂♂, 1♀, CNC No. 2299.
"♂"; Ag. Coll. Miss./ F.M. Hull V.1920/ Holotype Somula mississippiensis Hull/ SYNTYPE Somula mississippiensis Hull, CNC No. 2299.
"♀"; Smith, R.H., Ag. Col. Miss. 4.2.22/ Allotype Somula mississippiensis Hull/ SYNTYPE Somula mississippiensis Hull, CNC No. 2299.
"♂"; Smith, R.H., Ag. Col. Miss., 4.2.22/ Paratype Somula mississippiensis n.sp./ Somula PARATYPE mississippiensis Hull CNC No. 2299/ SYNTYPE Somula mississippiensis Hull, CNC No. 2299.

Sphaerophoria guttulata Hull, 1942d, Psyche 49: 20. USA.
Holotype ♀: Black foot, Ida., VI.17.1933, Louise Ireland/ Holotype Sphaerophoria guttulata Hull/ Sphaerophoria guttulata Hull/ HOLOTYPE Sphaerophoria guttulata Hull, CNC No. 20500.

Sphaerophoria micrura Osten Sacken, 1877, Bull. U.S. geol. and geog. Survey of the Ter. 3: 330. USA.
Syntype: 1♂, CNC No. 2096.

"♂"; S. Rafael, Cal. May 29 O. Sack/ Type 878/ Osten Sacken Coll./ micrura/ PARATYPE Sphaerophoria micrura O.S. No. 2096/ SYNTYPE Sphaerophoria micrura O.S. CNC No. 2096.

Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 878.

Sphaerophoria transversa Hull, 1943b, Ent. News 54: 32. USA.

Holotype ♂: Hood River, Ore., VII.1917/ Holotype Sphaerophoria transversa Hull/ HOLOTYPE Sphaerophoria transversa Hull, CNC No. 20501.

Remarks: The locality given in the original description is near Portland, Oregon, and the published date is July, 1926.

Sphecomyia columbiana Vockeroth, 1965, Can. Ent. 97: 86. CANADA.

Holotype ♂: 32 mi. SW of Terrace, B.C., 11.VI.1960, J.G. Chillcott/ HOLOTYPE Sphecomyia columbiana Vockeroth, CNC No. 8463.

Paratypes: 5♂♂, 3♀♀, British Columbia.

Sphegina appalachiensis Covert *in* Covert & Thompson, 1977, Proc. biol. Soc. Wash. 90: 539. USA.

Holotype ♂: Sharp Knob, W. Va., Pocahontas Co., 18.V.65, 3500', J.G. Chillcott/ Sphegina appalachiensis ♂ Covert HOLOTYPE/ HOLOTYPE Sphegina appalachiensis Covert, CNC No. 20419.

Allotype ♀: Same data as holotype.

Paratypes: 3♂♂, 3♀♀, West Virginia; 5♀♀, Virginia; 6♀♀, North Carolina; 3♀♀, Tennessee.

Sphegina brachygaster Hull, 1935a, Trans. Am. ent. Soc. 61: 376. USA.

Holotype ♂: Ithaca, N.Y., May/ Holotype Sphegina brachygaster Hull/ Sphegina brachygaster/ HOLOTYPE Sphegina brachygaster Hull, CNC No. 20420.

Sphegina notata Hull, 1935a, Trans. Am. ent. Soc. 61: 377. USA.

Holotype ♂: Mt. Rainier, Wash., July 26, F.M. Hull/ Holotype Sphegina notata Hull/ HOLOTYPE Sphegina notata Hull, CNC No. 20421.

Paratypes: 3♀♀, Washington.

Remarks: The head is missing from the holotype.

Sphegina pluto Hull, 1935a, Trans. Am. ent. Soc. 61: 374. CANADA.

Holotype ♂: Lowe's Inlet, B.C., 6.2.99/ Harriman Expedition '99 T. Kincaid, Collector/ Sphegina pluto Hull paratype/ PARATYPE Sphegina pluto Hull, CNC No. 3260/ HOLOTYPE Sphegina pluto Hull, CNC No. 3260.

Remarks: The abdomen of the holotype is glued to a paper point that is pinned with the specimen; the terminalia are missing from the abdomen.

Sphegina violovitshi Stackelberg, 1956, Ent. Obozr. 35: 940. USSR.

Syntype: 1♂, CNC No. 20625.

"♂"; South Sakhalin, Island, 18.VI.1955, N. Violovitch/ Paratypus/ Sphegina violovitshi Stac., Stackelberg det./ SYNTYPE Sphegina violovitshi Stackelberg, CNC No. 20625.

Spheginobaccha chillcotti Thompson, 1974b, Trans. Am. ent. Soc. 100: 274. NEPAL.

Holotype ♂: NEPAL, Ktm., Balaju, 4500 ft., 10.VI.1967, Can. Nepal Exped./ Holotype Spheginobaccha chillcotti Thompson '73/ HOLOTYPE Spheginobaccha chillcotti Thompson, CNC No. 20418.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.

Spilomyia citima Vockeroth, 1958, Can. Ent. 90: 287. CANADA.

Holotype ♂: Oliver, B.C., 13.VII.1923, E.R. Buckell/ HOLOTYPE Spilomyia citima Vock., CNC No. 6582.

Paratypes: 2♀♀, British Columbia.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.

Spilomyia foxleei Vockeroth, 1958, Can. Ent. 90: 284. CANADA.

Holotype ♂: Chilliwack, B.C., 26.VI.1918, W.B. Anderson/ HOLOTYPE Spilomyia foxleei Vock., CNC No. 6581.

Paratypes: 3♀♀, British Columbia.

Spilomyia longicornis Loew, 1872, Berl. ent. Z. 16: 82. USA.

Syntype: 1♀, CNC No. 2092.

"♀"; Penns auter/ 31/ Loew Coll./ Type 428/ PARATYPE Spilomyia longicornis Loew, CNC No. 2092/ SYNTYPE Spilomyia longicornis Loew, CNC No. 2092.

Stenomicrodon purpureus Hull, 1937b, Psyche 44: 26. FORMOSA.

Holotype ♀: Toyenmongai bei, Tainan, Formosa, Rolle V.1910/ Microdon HOLOTYPE purpureus Hull/ HOLOTYPE Stenomicrodon purpureus Hull, CNC No. 20442/ Frank M. Hull Collection, C.N.C. 1973.

Stenosyrphus albipunctatus Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25). (1924) 15: 104. USA.

Syntypes: 2♂♂, 2♀♀, CNC No. 1486.

"2♂♂, 2♀♀"; Mt. Rainier, Wn. Paradise Park, Aug. 1917, A.L. Melander/ Paratype albipunctatus/ PARATYPE Epistrophe

albipunctata Curran No. 1486/ HOMOTYPE
Syrphus pullulus Snow Compared by Vockeroth
69/ SYNTYPE Stenosyrphus albipunctatus
Curran, CNC No. 1486.

- Stenosyrphus bulbosus*** Fluke, 1954, Am. Mus. Novit. 1690: 8.
CANADA.
Holotype ♂: Cambridge Bay, NWT., 6.VIII.50,
E.H.N. Smith/ HOLOTYPE Stenosyrphus
bulbosa Fluke, CNC No. 6021/ HOLOTYPE ♂
Stenosyrphus bulbosus Fluke.
Allotype ♀: Chesterfield, N.W.T., 11.VII.1950,
J.G. Chillcott/ ALLOTYPE Stenosyrphus
bulbosus Fluke, CNC No. 6021/ ALLOTYPE
♀ Stenosyrphus bulbosus Fluke.
Paratypes: 2♂♂, 3♀♀, Northwest Territories.
- Stenosyrphus columbiae*** Curran, 1925a, Kans. Univ. Sci. Bull.
(whole ser., 25) (1924) 15: 110. CANADA.
Holotype ♂: Chilcotin, B.C., 2.V.1920, E.R.
Buckell/ HOLOTYPE Stenosyrphus columbiae
Curr., CNC No. 465.
Paratypes: 6♂♂, British Columbia.
- Stenosyrphus diversipunctatus*** Curran, 1925a, Kans. Univ. Sci.
Bull. (whole ser., 25) (1924) 15: 106.
CANADA.
Holotype ♂: Orillia, Ont., 29.V.1921/ Collector H.
Curran/ HOLOTYPE Stenosyrphus
diversipunctatus Curr., CNC No. 464/
Stenosyrphus diversipunctatus Curran.
Allotype ♀: Same data as holotype except
19.IX.1921.
Paratype: 1♂, Ontario.
Remarks: The holotype has its terminalia mounted on
a paper point that is pinned with the specimen.
- Stenosyrphus garretti*** Curran, 1925a, Kans. Univ. Sci. Bull.
(whole ser., 25) (1924) 15: 109. CANADA.
Holotype ♂: Bull River, 2000 ft., B.C./ 5.IV.18, C.
Garrett/ HOLOTYPE Epistrophe garretti
Curran, CNC No. 1485/ TYPE SYRPHUS
GARRETTII CURRAN, C.B.D. GARRETT.
Allotype ♀: Banff, Alta., 28.VI.1909, N.B. Sanson/
ALLOTYPE Epistrophe garrettii Curran, CNC
No. 1485/ Allotype garrettii.
- Stenosyrphus imperialis*** Curran, 1925a, Kans. Univ. Sci. Bull.
(whole ser., 25) (1924) 15: 100. CANADA.
Holotype ♂: Abitibi Region, N. Que., Sept. 1915,
Dr. Cook/ HOLOTYPE St. imperialis Curran,
CNC No. 458.
Paratype: 1♂, Ontario.
Remarks: The holotype has the apical portion of the
right wing missing.
- Stenosyrphus nigrifacies*** Curran, 1923, Can. Ent. 55: 62.
CANADA.

Holotype ♂: Banff, Alta., 14.VII.1922, C.B.D.
Garrett/ HOLOTYPE Stenosyrphus nigrifacies
Curr., CNC No. 518.
Allotype ♀: Same data as holotype except
15.VII.1922.

- Stenosyrphus remotus*** Curran, 1925a, Kans. Univ. Sci. Bull.
(whole ser., 25) (1924) 15: 108. USA.
Holotype ♀: Mt. Jefferson, Ore., 8-17/ HOLOTYPE
Epistrophe remotus Curran, CNC No. 2305/
Holotype remotus.
- Stenosyrphus terminalis*** Curran, 1925a, Kans. Univ. Sci. Bull.
(whole ser., 25) (1924) 15: 98. CANADA.
Holotype ♀: Ottawa, Ont., 6.V.1921, J.H.
McDunnough/ HOLOTYPE Epistrophe
terminalis Curran, CNC No. 3397/ Holotype
terminalis.
- Sterphus (Sterphus) stimulans*** Thompson, 1973, Entomologica
am. 46: 206. BOLIVIA.
Holotype ♂: Chipiriri, BOL., Sept. 1962, T.
Steinback/ Holotype Sterphus simulans [sic]
Thompson '71/ HOLOTYPE Sterphus stimulans
Thompson, CNC No. 20425.
Remarks: The holotype has its terminalia stored in a
plastic microvial that is pinned with the
specimen.
- Sterphus (Telus) telus*** Thompson, 1973, Entomologica am. 46:
195. ECUADOR.
Holotype ♂: Tarqui, Azuay Prov., ECUADOR 2800
m., 11.III.65, Peña/ Holotype Sterphus telus
Thompson '71/ HOLOTYPE Sterphus telus
Thompson, CNC No. 20427.
Remarks: The holotype has its terminalia stored in a
plastic microvial that is pinned with the
specimen.
- Sterphus (Ceriogaster) woodorum*** Thompson, 1973,
Entomologica am. 46: 213. VENEZUELA.
Holotype ♂: Pargue Nac. Avila D.F.,
VENEZUELA, 28.II.71, 2000 M., G. & M.
Wood/ Holotype Sterphus woodorum Thompson
'72/ HOLOTYPE Sterphus woodorum
Thompson, CNC No. 20426.
Allotype ♀: Same data as holotype.
Remarks: The holotype has its terminalia stored in a
plastic microvial that is pinned with the
specimen.
- Syrphipogon fucatisissimus*** Hull, 1937c, Psyche 44: 120.
SOUTH AMERICA.
Syntype: 1♀, CNC No. 20632.
"♀"; (No locality label) Paratype fucatisissima
[sic] Hull/ Frank M. Hull Collection CNC
1973/ Syntype Syrphipogon fucatisissimus Hull,
CNC No. 20632.
Remarks: The head and apical portion of the right
wing are missing from the syntype. The locality

given in the original description is South America.

Syrphus americanus var. *pomus* Curran, 1921b, Can. Ent. 53: 172. CANADA.

Holotype ♂: Jordan, Ont., 29.VI.1919/ Collector H. Curran/ HOLOTYPE *Syrphus pomus* Curran, CNC No. 1435.

Allotype ♀: Same data as holotype.

Remarks: The above specimen has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen. The puparium is also mounted on same pin as the adult.

Syrphus bigelowi Curran, 1924i, Can. Ent. 56: 288. CANADA.

Holotype ♀: Aweme, Man., N. Criddle, 23.VI.1923/ HOLOTYPE *Syrphus bigelowi* Curran, CNC No. 1440/ Correct type No. 1278.

Allotype ♂: H.A. Robertson, Aweme, Man., 16.V.1921/ ALLOTYPE *Syrphus bigelowi* Curran, CNC No. 1440.

Paratypes: 1 ♀, Quebec; 2 ♂♂, 5 ♀♀, Ontario; 1 ♂, 3 ♀♀, Manitoba; 1 ♀, Northwest Territories.

Remarks: There are 7 additional specimens labeled as paratypes but they are not from localities mentioned in the original description. The type specimens are labeled with the incorrect CNC type number of 1440. The correct type number is 1278.

Syrphus canadensis Curran, 1926d, Can. Ent. 58: 172. CANADA.

Holotype ♀: H.A. Robertson, Aweme, Man., 4.VIII.1920/ *Syrphus* HOLOTYPE *canadensis* ♀ Curran, CNC No. 1881.

Paratype: 1 ♀, Ontario.

Syrphus decipiens Williston, 1891, Biologia cent. am. 3: 18. MEXICO.

Syntype: 1 ♂, CNC No. 20648.

"♂"; Omilteme, Guerrero, 8000 ft., Aug. H.H. Smith/ Biol. Centr. Amer. Dipt. - Syrphidae, F.D. Godman, O. Salvin, 1903-51/ *Syrphus decipiens* Will./ SYNTYPE *Syrphus decipiens* Williston, CNC No. 20648.

Syrphus disgregus Snow, 1895, Kans. Univ. Q. 3: 233. USA.

Syntype: 1 ♂, CNC No. 20649.

"♂"; Magdalena, New Mexi/ Type/ Cotype No./ Type 13516/ C.W. Johnson Collection/ *Metasyrphus* ex. *disgregus* Snow, Det. F.M. Hull/ SYNTYPE *Syrphus disgregus* Snow, CNC No. 20649.

Syrphus grossulariae var. *melanis* Curran, 1922f, Can. Ent. 54: 96. CANADA.

Holotype ♀: Orillia, Ont., 18.IX.1921/ Collector H. Curran/ *Epistrophe* HOLOTYPE *grossulariae* var. *melanis* Curran, CNC No. 460.

Paratype: 1 ♀, Ontario.

Syrphus intricatus Vockeroth, 1983, Can. Ent. 115: 177. CANADA.

Holotype ♂: Robson, B.C., 9.VII.1955, H.R. Foxlee/ *Syrphus* HOLOTYPE *intricatus* Vockeroth, CNC No. 17081.

Paratypes: 1 ♂, 1 ♀, Alberta; 3 ♂♂, 6 ♀♀, British Columbia; 1 ♂, 2 ♀♀, Colorado (USA); 1 ♂, 1 ♀, California (USA).

Remarks: The original description gives the year of collection as 1965, however the label on the type specimen indicates the year of collection as 1955.

Syrphus invigoratus Curran, 1921b, Can. Ent. 53: 171. CANADA.

Holotype ♂: Orillia, Ont., 30.V.1920/ Collector H. Curran/ HOLOTYPE *Syrphus invigoratus* Curran, CNC No. 461.

Paratype: 1 ♂, Ontario.

Remarks: There is an additional specimen labeled as a type, however it was collected on 17.V.1921 and it is doubtful if it is part of the type series.

Syrphus laticaudatus Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 176. CANADA.

Holotype ♀: Victoria, B.C., V.10.1916, R.C. Treherne/ HOLOTYPE *Syrphus laticaudatus* Curran, CNC No. 1436/ Holotype *laticaudatus*.

Remarks: Both antennae are missing from the holotype.

Syrphus laticaudus Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 175. CANADA.

Holotype ♂: Orillia, Ont., 5.V.1921/ Collector H. Curran/ HOLOTYPE *Syrphus laticaudus* Curr., CNC No. 497.

Allotype ♀: Same data as holotype except 2.V.1921.

Paratype: 1 ♀, 1 ♂, Ontario.

Remarks: The holotype has its terminalia mounted on a paper point that is pinned with the specimen.

Syrphus lebanensis Fluke, 1930, Ann. ent. Soc. Am. 23: 139. CANADA.

Holotype ♀: Seton Lake, Lillooet, B.C., 27.VI.1926, J. McDunnough/ Holotype *Syrphus lebanensis* F., CNC No. 2991.

Paratype: 1 ♂, 2 ♀♀, British Columbia.

Syrphus neoperplexus Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 93. CANADA.

Holotype ♂: Husavick, Man., 5.VII.16, J.B. Wallis/ HOLOTYPE *Syrphus neoperplexus* Curran, CNC No. 1437.

Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.

Syrphus osburni Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 177. CANADA.

- Holotype ♂: Orillia, Ont., 8.V.1921/ Collector H. Curran/ HOLOTYPE *Syrphus osburni* Curran, CNC No. 2306/ Holotype *S. osburni*.
Remarks: The holotype has its terminalia mounted on a paper point that is pinned with the specimen.
- Syrphus pallifrons* Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 172. USA.
Holotype ♂: Sturgn. Bay, Wis., 6.6.19/ L.G. Gentner Collector/ HOLOTYPE *S. pallifrons* Curran, CNC No. 457/ Holotype *pallifrons*.
Allotype ♀: Same data as holotype except 6.16.19.
Paratype: 1♂, New Brunswick (Canada).
Remarks: The holotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.
- Syrphus palliventris* Curran, 1925a, Kans. Univ. Sci. Bull. (whole ser., 25) (1924) 15: 173. CANADA.
Holotype ♀: Nordegg, Alta., 27.VI.1921, J. McDunnough/ HOLOTYPE *Syrphus palliventris* Curran, CNC No. 1438.
- Syrphus reflectipennis* Curran, 1921a, Can. Ent. 53: 157. CANADA.
Holotype ♀: Orillia, Ont./ 26.V.13 ♀/ H. Curran/ *Syrphus* HOLOTYPE *reflectipennis* Curran, CNC No. 2843/ *SYRPHUS reflectipennis* Curran.
Remarks: The abdomen of the holotype is glued to a paper point that is pinned with the specimen.
- Syrphus sodalis* var. *interruptus* Malloch, 1919, Report of the Canadian Arctic Expedition. 3: 55. CANADA.
Holotype ♀: W. of Kongengevik [sic], Camdin Bay, Alaska, July 4/ Canadian Arctic Expedition F.J., 1914/ HOLOTYPE *S. sodalis* var. *interruptus* Mall. CNC No. 498. = *Stenosyrphus*.
Remarks: The right wing is missing from the holotype.
- Syrphus sonorensis* Vockeroth, 1983, Can. Ent. 115: 178. MEXICO.
Holotype ♂: 10 mi. W. El Salto, Dgo. MEX., 9000' July 8, 1964, J.F. McAlpine/ *Syrphus* HOLOTYPE *sonorensis* Vockeroth, CNC No. 17082.
Paratypes: 2♂♂, 5♀♀, Arizona (USA); 2♀♀, New Mexico (USA); 6♂♂, 31♀♀, Mexico.
- Syrphus torvus* Osten Sacken, 1875a, Proc. Boston Soc. nat. Hist. 18: 139. USA.
Syntype: 1♀, CNC No. 2090.
"♀"; White Mts. N. Hamps. 7 July 1874 Mann/ O. Sacken/ Type 4095/ *Syrphus torvus* O.S./ PARATYPE *Syrphus torvus* O.S. No. 2090/ SYNTYPE *Syrphus torvus* O.S., CNC No. 2090.
- Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 4095.
- Syrphus transversalis* Curran, 1921a, Can. Ent. 53: 155. CANADA.
Holotype ♀: Orillia, Ont., 26.VI.1914/ Collector H. Curran/ TYPE *Syrphus transversalis* Curran, CNC No. 462.
Paratypes: 1♀, Ontario.
- Syrphus venablesi* Curran, 1929b, Can. Ent. 61: 45. CANADA.
Holotype ♀: Vernon, B.C., VI.30.1928, E.P. Venables/ HOLOTYPE ♀ *Syrphus venablesi* Curran, CNC No. 2902/ Host. Woolly Aphis.
Allotype ♂: Same data as holotype except 16.IX.1928.
Paratypes: 2♀♀, British Columbia.
Remarks: The allotype has its terminalia stored in glycerine in a glass microvial that is pinned with the specimen.
- Temnostoma nipigonensis* Curran, 1923, Can. Ent. 55: 269. CANADA.
Holotype ♂: N.K. Bigelow, Macdiarmid, Lake Nipigon, Ont., VI.22.1923/ HOLOTYPE *Temnostoma nipigonensis* Curr., CNC No. 666.
Remarks: The holotype has its terminalia dissected and stored in a glass microvial that is pinned with the specimen.
- Tenthredomyia mime* Hull, 1935b, Psyche 42: 101. USA.
Holotype ♀: A.M.C. Miss., 4.22.21/ F.M. Hull/ HOLOTYPE *Tenthredomyia mime* Hull, CNC No. 21118/ Holotype *Tenthredomyia mime* Hull/ *Tenthredomyia mime* Type Hull.
Remarks: The locality given in the original description is Tallulah, Louisiana; however the label on the specimen appears to be A.M.C. Miss. The apical half of the left wing is missing from the holotype.
- Toxomerus occidentalis* Curran, 1922a, Can. Ent. (1921) 53: 258. CANADA.
Holotype ♂: Victoria, B.C., 5.V.1919, W. Downes/ T. TYPE *occidentalis* Curran, CNC No. 466.
Allotype ♀: Saanich, B.C., 17.V.1919, W. Downes/ T. TYPE *occidentalis* Curran, CNC No. 466.
Paratypes: 1♂, 3♀♀, British Columbia; 2♂♂, 3♀♀, Oregon (USA); 2♂♂, California (USA).
- Toxomerus sedmani* Harbach, 1984, Proc. ent. Soc. Wash. 86: 840. BRAZIL.
Holotype ♂: Belem, Para Brazil, 30.V.1967, Coll. Y. Sedman/ PARATYPE/ *Mesograpta apegensis* Det. R. Harbach/ HOLOTYPE *Toxomerus sedmani* Harbach, CNC No. 21109/ HOLOTYPE *Toxomerus sedmani* Harbach.
Remarks: The holotype has its terminalia stored in glycerine in a plastic microvial that is pinned with the specimen.

- Tropidia cooleyi*** Seamans, 1917, Ent. News 28: 342. USA.
 Syntypes: 1♂, 1♀, CNC No. 2225.
 "♂"; Bozeman, Mont., June 12, 1906/
 PARATYPE *Tropidea* [sic] *cooleyi* Seam. No. 2225/
 PARATYPE *Tropidia cooleyi* ♂
 Seamans/SYNTYPE *Tropidia cooleyi* Seamans,
 CNC No. 2225.
 "♀"; Bozeman, Mont., June 20, 1906/
Tropidea [sic] PARATYPE *cooleyi* Seamans No. 2225/
 PARATYPE *Tropidia cooleyi* ♀, Seamans/
 SYNTYPE *Tropidia cooleyi* Seamans, CNC No. 2225.
- Vadonimyia tortuosua*** Hippa, 1985, Acta ent. fenn. 45: 40.
 MADAGASCAR.
 Holotype ♂: Environs de Rogez/ Holotype
Vadonimyia tortuosua [sic] H. Hippa 1985/
 HOLOTYPE *Vadonimyia tortuosua* [sic] Hippa,
 CNC No. 20436.
 Paratypes: 2♂♂, 1♀, Madagascar.
 Remarks: The holotype has its terminalia stored in
 glycerine in a plastic microvial that is pinned
 with the specimen.
- Volucella anastasia*** Hull, 1946a, Ent. News (1945) 56: 270.
 USA.
 Holotype ♂: Oxford, Miss., 5.30.44/ F.M. Hull
 Collector/ Holotype *anastasia* Hull/ Frank M.
 Hull Collection CNC 1973/ HOLOTYPE
Volucella anastasia Hull, CNC No. 20544.
 Remarks: The right wing is missing from the
 holotype.
- Volucella astarte*** Hull, 1950b, Bull. Brooklyn ent. Soc. 45: 70.
 PERU.
 Holotype ♂: Pucallpa, Peru J.Schunke 180 Jan 22-
 1948 M./ HOLOTYPE *Volucella astarte* Hull
 CNC No. 21516/ 148/ 139/ Astarte.
 Remarks: The right wing is missing from the
 holotype.
- Volucella azurina*** Hull, 1941e, J. Wash. Acad. Sci. 31: 314.
 BRAZIL.
 Holotype ♂: Bonito, [Brazil] 1-112/ Holotype
Volucella azurina Hull/ 31/ Frank M. Hull
 Collection CNC 1973/ HOLOTYPE *Volucella*
azurina Hull, CNC No. 20540.
 Remarks: The left wing is missing from the
 holotype.
- Volucella barei*** Curran, 1925a, Can. Ent. 57: 255. USA.
 Holotype ♂: Texas, June 5, 1921/ #11/ HOLOTYPE
Volucella barei Curran, CNC No. 1417.
- Volucella beatricea*** Hull, 1950a, Revta Ent., Rio de J. 21: 235.
 ECUADOR.
 Holotype ♀: (No locality label) 32/ 147/ *beatricea*/
 HOLOTYPE *Volucella beatricea* Hull CNC No.
 21517/ Frank M. Hull Collection C.N.C. 1973.
 Remarks: The left wing is missing from the
 holotype.
- Volucella belinda*** Hull, 1949f, Ent. News 60: 31. BRAZIL.
 Holotype ♂: Brésilien, Nova Teutonia, 27° 11' 52" 23,
 Jan, Apr. 1948, Fritz Plaumann, 500 m./
 Holotype *Volucella belinda*, Hull/ Frank M.
 Hull Collection CNC 1973/ HOLOTYPE
Volucella belinda Hull, CNC No. 20553.
 Paratypes: 1♂, 5♀ ♀, Brazil.
 Remarks: The left wing is missing from the
 holotype.
- Volucella bombylans*** var. *arctica* Johnson, 1916, Psyche 23:
 163. CANADA.
 Syntype: 1♀, CNC No. 20647.
 "♀"; Rama, Labrador, N. of tree line 1898,
 J.D. Sornborger/ Paratype/ Type 15127/
Volucella bombylans arctica John. Det. F.M.
 Hull/ SYNTYPE *Volucella bombylans* var.
arctica Johnson, CNC No. 20647.
- Volucella calochaeta*** Hull, 1941e, J. Wash. Acad. Sci. 31: 313.
 BRAZIL.
 Holotype ♂: (No locality label) *Volucella* sp./
Volucella calochaeta Hull/ Holotype *Volucella*
calochaeta Hull/ Frank M. Hull Collection CNC
 1973/ 107/ HOLOTYPE *Volucella calochaeta*
 Hull, CNC No. 20557.
 Remarks: The right wing is missing from the
 holotype. The locality given in the original
 description is Brazil.
- Volucella clara*** Hull, 1942d, Psyche 49: 22. BRAZIL.
 Holotype ♀: S. Paulo, Ypiranga Lange de Morretes
 Coll. 8.IV.1936/ Holotype *Volucella clara* Hull/
 Frank M. Hull Collection CNC 1973/ *Volucella*
clara Hull, Type/ HOLOTYPE *Volucella clara*
 Hull, CNC No. 20547.
 Remarks: The right wing is missing from the
 holotype.
- Volucella delila*** Hull, 1950a, Revta Ent., Rio de J. 21: 230.
 PERU.
 Holotype ♂: Chanchamayo, Peru, 1.20.49, J.
 Schunke, 1300 m./ Holotype *Volucella delila*
 Hull/ Frank M. Hull Collection, CNC 1973/ 19/
 HOLOTYPE *Volucella delila* Hull, CNC No.
 20558.
 Remarks: The right wing is missing from the
 holotype.
- Volucella florida*** Hull, 1941h, Ent. News 52: 278. USA.
 Holotype ♂: St. Augustine, Fla., Mar/ Holotype
Volucella florida Hull/ Frank M. Hull
 Collection CNC 1973/ HOLOTYPE *Volucella*
florida Hull, CNC No. 20542.
 Remarks: The right wing is missing from the
 holotype and the left wing is badly damaged.
- Volucella gorgon*** Hull, 1950a, Revta Ent., Rio de J. 21: 233.
 PERU.
 Holotype ♂: Chanchamayo Peru Feb. 24-49
 J.Schunke 1000 M./ HOLOTYPE *Volucella*

- gorgon Hull CNC No. 21518/ gorgon/ 70/
Frank M. Hull Collection C.N.C. 1973.
Remarks: The right wing is missing from the
holotype.
- Volucella hyalinipennis* Hull, 1944b, Bull. Brooklyn ent. Soc.
39: 36. BRAZIL.
Holotype ♂: Brazil/ Holotype Volucella
hyalinipennis Hull/ 18/ Frank M. Hull
Collection CNC 1973/ HOLOTYPE Volucella
hyalinipennis Hull, CNC No. 20538.
Remarks: The right wing is missing from the
holotype.
- Volucella hydrofenestra* Hull, 1943a, Revta Ent., Rio de J. 14:
513. COLOMBIA.
Holotype ♀: Muzo Dept. Boyaca alt. 900 m./
Colombia 1936/ J. Bequaert Collector/
HOLOTYPE Volucella hydrofenestra, Hull/
Keys to bruneri Cur. quite diff/ Frank M. Hull
Collection CNC 1973/ HOLOTYPE Volucella
hydrofenestra Hull, CNC No. 20555.
- Volucella impressa* Hull, 1949d, Psyche 56: 30. BRAZIL.
Holotype ♂: Brasilien, Nova Teutonia, 27° 11' 52" 23,
Fritz Plaumann, 1948, 500 m/ Holotype
Volucella impressa Hull/ Frank M. Hull
Collection CNC 1973/ Not pinkusi, aster,
inconsistens, roraima try vierecki if not, then
not in Cur. yet./ HOLOTYPE Volucella
impressa Hull, CNC No. 20552.
Paratypes: 2 ♀ ♀, Brazil.
- Volucella lacticoerulea* Hull, 1944, Bull. Brooklyn ent. Soc. 39:
35. BRAZIL.
Holotype ♂: Praia Grande do Rio Feio Peñapolis,
Sao Paulo, 1.1916/ Volucella lacticoerulea
n.sp./ 145/ Holotype Volucella lacticoerulea
Hull/ Frank M. Hull Collection CNC 1973/
HOLOTYPE Volucella lacticoerulea Hull, CNC
No. 20556.
Allotype ♀: Same data as the holotype.
Remarks: The holotype and allotype are mounted on
the same pin.
- Volucella liriopae* Hull, 1949d, Psyche 56: 28. BRAZIL.
Holotype ♂: Brasilien, Nova Teutonia, Jan, Apr,
1948, 500 m., Fritz Plaumann/ Not
obliquicornis, cyanescens, macula, cyanoprocta,
maculdides, alcedoides/ Holotype Volucella
liriopae Hull/ 135/ Frank M. Hull Collection
CNC 1973/ HOLOTYPE Volucella liriopae Hull,
CNC No. 20539.
Remarks: The right wing is missing from the
holotype.
- Volucella lucilia* Hull, 1950b, Bull. Brooklyn ent. Soc. 45: 65.
PERU.
Holotype ♂: Chanchamayo Peru 8-3-48 J. Schunke/
HOLOTYPE Volucella lucilia Hull CNC No.
21522/ lucilia.
- Paratype: 1 ♂, Peru.
- Volucella nigropoda* Hull, 1949d, Psyche 56: 35. PERU.
Holotype ♂: Pucallpa, Peru, J. Schunke, Dec 4,
1947/ Holotype Volucella nigropoda Hull/
Frank M. Hull Collection CNC 1973/
HOLOTYPE Volucella nigropoda Hull, CNC
No. 20541.
Remarks: The right wing is missing from the
holotype.
- Volucella nigroviridis* Hull, 1949f, Ent. News 60: 37. PERU.
Holotype ♂: Pucallpa, Peru, J. Schunke, Nov 8,
1947/ 140/ Holotype Volucella nigroviridis
Hull/ Frank M. Hull Collection CNC 1973/ tr.
bassleri dist. but meson. wholly black pilose/
HOLOTYPE Volucella nigroviridis Hull CNC
No. 20554.
Remarks: The right wing is missing from the
holotype.
- Volucella opeostoma* Hull, 1949f, Ent. News 60: 32.
PANAMA.
Holotype ♀: Bambito, Volcan, Chiriqui, Panama,
XII-1946/ N.L.H. Krauss/ Holotype Volucella
opeostoma Hull/ Frank M. Hull Collection CNC
1973/ HOLOTYPE Volucella opeostoma Hull,
CNC No. 20537.
- Volucella parana* Hull, 1942d, Psyche 49: 23. BRAZIL.
Holotype ♂: Parana Brazil S.S. Arasy, 20.IV.1917/
167/ Holotype Volucella parana Hull/ Frank M.
Hull Collection CNC 1973/ Volucella parana
Hull, Type/ HOLOTYPE Volucella parana
Hull, CNC No. 20548.
Remarks: The right wing is missing from the
holotype.
- Volucella pertinax* Hull, 1950b, Bull. Brooklyn ent. Soc. 45:
67. PERU.
Holotype ♀: Chanchamayo Peru Feb 7-49
J.Schunke/105/ HOLOTYPE Volucella
pertinax Hull CNC No. 21519/ 85/ pertinax/
Frank M. Hull Collection C.N.C. 1973.
Remarks: The left wing is missing from the
holotype.
- Volucella pictoides* Hull, 1941h, Ent. News 52: 280. CUBA.
Holotype ♀: Havana, Cuba, Aug. 1937/ Holotype
Volucella pictoides Hull/ Frank M. Hull
Collection CNC 1973/ HOLOTYPE Volucella
pictoides Hull, CNC No. 20545.
Remarks: The left wing is missing from the
holotype.
- Volucella rhea* Hull, 1950a, Revta Ent., Rio de J. 21: 232.
PERU.
Holotype ♂: Matucana Peru I-II-44/ HOLOTYPE
Volucella rhea Hull CNC No. 21521/ rhea/ 143/
25/ Frank M. Hull Collection C.N.C. 1973.

Remarks: The left wing is missing from the holotype.

Volucella scintillans Hull, 1949d, Psyche 56: 39. PERU.
Holotype ♂: Pucallpa, Peru, J. Schunke, Dec. 9, 1947/Holotype *Volucella scintillans* Hull/ Frank M. Hull Collection CNC 1973/ HOLOTYPE *Volucella scintillans* Hull, CNC No. 20549.
Remarks: The left wing is missing from the holotype.

Volucella spectralis Hull, 1942d, Psyche 49: 21. BRAZIL.
Holotype ♀: from Brazil/ Holotype *Volucella spectralis* Hull/ Frank M. Hull Collection CNC 1973/ HOLOTYPE *Volucella spectralis* Hull, CNC N. 20543.
Remarks: The right wing is missing from the holotype.

Volucella splendens Hull, 1949d, Psyche 56: 26. BRAZIL.
Holotype ♂: Brasilien, Nova Teutonia, 27° 11' 52" 23', Fritz Plaumann III. 1948, 500 m./ 67/ Holotype *Volucella splendens* Hull/ Frank M. Hull Collection, CNC 1973/ HOLOTYPE *Volucella splendens* Hull, CNC No. 20560.

Volucella stigmata Hull, 1949d, Psyche 56: 37. PERU.
Holotype ♀: Pucallpa, Peru, J. Schunke, Mar 12, 1948/ Holotype *Volucella stigmata* Hull/ Frank M. Hull Collection CNC 1973/ HOLOTYPE *Volucella stigmata* Hull, CNC No. 20546.
Remarks: The right wing is missing from the holotype.

Volucella timberlakei Curran, 1926a, Ann. ent. Soc. Am. 19: 63. USA.
Holotype ♂: Brownsville, Texas, June/ *Volucella timberlakei* Curran, CNC No. 1546.
Allotype ♀: Same data as holotype except June 14, 1915.

Volucella tripunctata Hull, 1949d, Psyche 56: 31. BRAZIL.
Holotype ♂: Brasilien, Nova Teutonia, Jan, Apr. 1948, 27° 11' 52" 23', Fritz Plaumann, 500 m./ Holotype *Volucella tripunctata* Hull/ Frank M. Hull Collection CNC 1973/ HOLOTYPE *Volucella tripunctata* Hull CNC No. 20550.
Remarks: The right wing is missing from the holotype.

Volucella ulrica Hull, 1950b, Bull. Brooklyn ent. Soc. 45: 68. PERU.
Holotype ♀: Chanchamayo Peru 1-20-49 J.Schunke 1300/ 106/ HOLOTYPE *Volucella ulrica* Hull CNC No. 21520/ 84/ *ulrica*/ Frank M. Hull Collection C.N.C. 1973.
Remarks: The right wing is missing from the holotype.

Volucella viola Hull, 1943a, Revta Ent., Rio de J. 14: 514. BRAZIL.
Holotype ♀: Brazil/ Holotype *Volucella viola* Hull/ Frank M. Hull Collection CNC 1973/ HOLOTYPE *Volucella viola* Hull, CNC No. 20551.
Allotype ♂: Permapolis, Sao Paulo, II.1916/ Allotype *Volucella viola*, Hull.
Remarks: The right wing is missing from the allotype.

Volucella vitrea Hull, 1949f, Ent. News 60: 36. PERU.
Holotype ♀: Pucallpa, Peru, J. Schunke, Nov 12, 1947/ 16/ Holotype *Volucella vitrea* Hull/ HOMOTYPE *Volucella vitripennis* Cur. Det. F.M. Hull/ Frank M. Hull Collection CNC 1973/ HOLOTYPE *Volucella vitrea* Hull CNC No. 20559.
Remarks: The right wing is missing from the holotype.

Xylota althaea Hull, 1943b, Ent. News 54: 30. USA.
Holotype ♀: Spartanburg, S.C., VI.5.18/ Holotype *althaea*/ *Xylota althaea* Hull, Type/ HOLOTYPE *Xylota althaea* Hull, CNC No. 20502.

Xylota artemita Hull, 1943c, Bull. Brooklyn ent. Soc. 38: 49. USA.
Holotype ♀: Oxford, Miss., 5.20.42/ F.M. Hull, Collector/ Holotype *artemita*/ *Xylota artemita* Hull, Type/ HOLOTYPE *Xylota artemita* Hull, CNC No. 20503.
Paratypes: 2 ♀ ♀, Mississippi.

Xylota astarte Hull, 1943c, Bull. Brooklyn ent. Soc. 38: 50. USA.
Holotype ♀: Oxford, Miss., 5.20.42/ F.M. Hull Collector/ Holotype *astarte*/ *Xylota astarte* Hull, Type/ HOLOTYPE *Xylota astarte* Hull CNC No. 20495.

Xylota oregona Curran, 1925d, Can. Ent. 57: 44. USA.
Holotype ♀: Corvallis, Ore., 3.15/ A.L. Lovett Coll./ 1947/ HOLOTYPE *Xylota oregona* Curran, CNC No. 1337.

Xylota plesia Curran, 1925d, Can. Ent. 57: 45. CANADA.
Holotype ♂: Bathurst, N.B., VI.15/ J.N. Knull Coll./ HOLOTYPE ♂ *Xylota plesia* Curran, CNC No. 1339.
Allotype ♀: Same data as holotype.

Xylota primavera Hull, 1944b, Bull. Brooklyn ent. Soc. 39: 37. USA.
Holotype ♂: Oxford, Miss., Mar. 29, 43/ F.M. Hull/ Holotype *primavera* Hull/ HOLOTYPE *Xylota primavera* Hull, CNC No. 20494.
Allotype ♀: Same data as holotype.

Xylota subtropicus Curran, 1925d, Can. Ent. 57: 44. USA.
Holotype ♂: Memphis, Tenn., 6.17.1922/
HOLOTYPE *Xylota subtropica* Curran, CNC
No. 1338.

TABANIDAE

Atylotus calcar Teskey, 1983, Can. Ent. 115: 697. CANADA.
Holotype ♀: Indian Head, Sask. 18.VII.1926 Eric
Hearle/ near Strawberry lakes/ HOLOTYPE
Atylotus calcar Teskey CNC No. 16987.
Paratypes: 2♂♂, 29♀♀, British Columbia; 2♂♂, 1♀,
Alberta; 1♂, 14♀♀, Saskatchewan; 13♀♀,
Manitoba; 3♀♀, Utah (USA); 1♀ California
(USA); 1♂, 1♀, Colorado (USA).

Atylotus woodi Pechuman, 1981, Ent. News 92: 2. CANADA.
Holotype ♀: S. of Lot 31, Conc. Gore, Puslinch
Twp., Wellington Co., Ontario, 15 August
1963, L.L. Pechuman/ Holotype *Atylotus woodi*
Pechuman, CNC No. 16288.
Allotype ♂: Same data as holotype.
Paratypes: 21♂♂, 29♀♀, Ontario.
Remarks: There are 5 male and 9 female paratypes
that are reared specimens with associated larval
and pupal exuviae stored in alcohol.

Chrysops calvus Pechuman & Teskey, 1967, Can. Ent. 99: 645.
USA.
Holotype ♀: Allegany State Park, N.Y., June 13,
1966 H.J. Teskey 66-33-8/ Holotype *Chrysops*
calvus Pech. & Teskey, CNC No. 9481/
Holotype *Chrysops calvus* Pech. & Teskey/
Rearred Assoc. vial slide.
Allotype ♂: Same data as holotype except collected
May 24, 1966 and a rearing number 66-33-1.
Paratypes: 1♀, New York; 2♀♀, North Carolina;
1♀, Ohio; 86♀♀, Quebec (Canada); 4♀♀,
Ontario (Canada); 1♀, New Brunswick
(Canada).
Remarks: The holotype and allotype have their
associated larval and pupal exuviae stored in
alcohol.

Chrysops canadensis Kröber, 1926, Stettin. ent. Ztg. 87: 277.
CANADA.
Holotype ♂: Ottawa, Ont., M.B., 7.VI.1923, C.H.
Curran/ Holotype *Chrysops canadensis* Kröber,
CNC No. 2492.

Chrysops geminatus var. *impunctus* Kröber, 1926, Stettin. ent.
Ztg. 87: 301. CANADA.
Holotype ♀: Pt. Stan. Ont., June 25, CRT./ Type/
Holotype *C. geminatus impunctus* Kröber, CNC
No. 1341.

Chrysops moerens var. *confusus* Kröber, 1926, Stettin. ent.
Ztg. 87: 284. CANADA.
Holotype ♀: Oliver, B.C., 13.VIII.1923, C.B.
Garrett/ Type/ Holotype *C. aestuans confusa*

Krober CNC No. 1342/ *Chrysops aestuans* var.
confusa det. Kröber 1924.

Chrysops pilumnus Kröber, 1926, Stettin. ent. Ztg. 87: 278.
CANADA.

Holotype ♂: Jordan, Ont., 21.6.1917, W.A. Ross/
Holotype *Chrysops pilumnus* Kröber, CNC No.
2491/ *Chrysops pilumnus* ♂ Kröber, det. Kröber
1925.

Chrysops wiedemanni Kröber, 1926, Stettin. ent. Ztg. 87: 267.
CANADA.

Lectotype ♀: Fort Coulonge, Que., 3.7.19, S.A.
Graham/ Lectotype *Chrysops wiedemanni*
Kröber, CNC No. 2493/ Lectotype *Chrysops*
wiedemanni Kröber. Philip 1959/ Paratype
Chrysops wiedemanni Kröber CNC No. 2493.
Remarks: For lectotype designation see Philip (1959,
p. 203).

Dichelacera brevidens Philip, 1976, Wasmann J. Biol. 34: 46.
MEXICO.

Holotype ♀: 13 mi. northwest of Ocozocoautla,
Chiapas, Mexico, Aug. 16, 1967 el. 3200' H.R.
Burke and J. Hafernik/ Holotype *Dichelacera*
brevidens Philip, CNC No. 12924/ Holotype
Dichelacera brevidens n.sp. ♀, det. C.B. Philip/
Dichelacera n.sp. nr. *mexicana* 68 Det. C.B.
Philip 2 more LLP./ index 1:2.5/ [a green
label].
Remarks: The holotype has the right wing glued to
the locality label.

Esenbeckia erebea Wilkerson & Fairchild, 1983, J. nat. Hist.
17: 536. BOLIVIA.

Holotype ♀: BOLIVIA, Palos Blancos. Alto Beni,
11-15.I.1976, 600 m., L.E. Peña/ HOLOTYPE
Esenbeckia erebea Wilk. & Fairchild, CNC No.
19309/ HOLOTYPE *Esenbeckia erebea*
Wilkerson & Fchld/ genitalia dissected.
Remarks: The terminalia are missing from the
holotype.

Esenbeckia pechumani Wilkerson & Fairchild, 1983, J. nat.
Hist. 17: 549. PERU.

Holotype ♀: Quincemil, Cuzco, PERU,
15-30.X.1962, L. Peña 700m./ HOLOTYPE
Esenbeckia pechumani Wilk. & Fairchild, CNC
No. 19308/ HOLOTYPE *Esenbeckia pechumani*
Wilkerson.
Paratypes: 2♀♀, Peru.

Hybomitra enigmatica Teskey, 1982, Can. Ent. 114: 1077.
CANADA.

Holotype ♀: McQueen L., 10 mi. N., Kamloops,
B.C., 13.VII.1973, H.J. Teskey/ Holotype
Hybomitra enigmatica Teskey, CNC No. 16986.
Paratypes: 57♀♀, Alberta; 3♂♂, 72♀♀, British
Columbia; 2♀♀, Oregon (USA); 1♀, Idaho
(USA); 1♀, Montana.

Remarks: Precise paratype locality data are not given in the original description, but are verified here by H.J. Teskey (personal communication). A female and 2 male paratypes from British Columbia are reared specimens that have associated larval and pupal exuviae stored in alcohol.

Hybomitra howdeni Philip, 1978, Pan-Pacif. Ent. 54: 121. MEXICO.

Holotype ♀: 8 mi. W. El Salto, Dgo. Mex., 9000', 5.V.1961, Howden & Martin/ index 1/ 3.2/ Holotype *Hybomitra howdeni* Philip, CNC No. 12927/ Holotype *Hybomitra howdeni* ♀ n.sp. det. C.B. Philip 1973/ eyes (relax) indistinct 1 purp. band.

Remarks: Both flagella are missing from the holotype.

Hybomitra pechumani Teskey & Thomas, 1979, Can. Ent. 111: 346. CANADA.

Holotype ♀: Alfred, Ont., Spagnum Bog, June 24, 1974 H.J. Teskey/ Holotype *Hybomitra pechumani* Teskey & Thomas, CNC No. 15521. Allotype ♂: Alfred, Ont., 17.V.1976, H.J. Teskey/ Allotype *Hybomitra pechumani* Teskey & Thomas, CNC No. 15521/ Reared Assoc. Vial No. 75-2-41.

Paratypes: 6♀♀, Nova Scotia; 9♀♀, New Brunswick; 69♀♀, Labrador; 110♀♀, Quebec; 6♂♂, 246♀♀, Ontario; 10♀♀, Manitoba; 15♀♀, Saskatchewan; 17♀♀, Alberta; 56♀♀, British Columbia; 1♀, Northwest Territories; 1♀, West Virginia (USA); 10♀♀, Maryland (USA), 1♀, Michigan (USA).

Remarks: Precise paratype locality data are not given in the original description, but are verified here by H.J. Teskey (personal communication). The allotype and 13 paratypes are reared specimens that have associated larval and pupal exuvia stored in alcohol.

Querbetia inopinatus Fairchild, 1973, Psyche (1972) 79: 213. PERU.

Holotype ♀: Avispas, Madre de Dios, Peru, 20-30.IX.1962, L. Peña 400 m./ Holotype *Querbetia inopinatus* Fchld., CNC No. 17877/ Holotype *Querbetia inopinatus* Fchld.

Scaptia (Pseudoscione) stictica Wilkerson & Coscaron, 1984, J. med. Ent. 21: 229. ARGENTINA.

Holotype ♀: ARG. Catamarca Ao. El Pinado, S. La Vina. 650 m. 27/ 29.IX.68. Peña/ HOLOTYPE *Scaptia (Pseudoscione) stictica* CNC No. 20651/ HOLOTYPE *Scaptia (Pseudoscione) stictica* Wilkerson & Fairchild.

Allotype ♂: ARG. Catamarca 18 km. N. La Merced. 1000 m. 26.IX.68. Peña/ ALLOTYPES *Scaptia (Pseudoscione) stictica* CNC No. 20651/ GBF/ *Scaptia (P.) stictica* n.sp. det. Coscaron 82/

Allotype *Scaptia stictica* Wilkerson & Coscaron (plastic slide of ♂ terminalia).

Paratypes: 63♀♀, Argentina.

Stypommisa apaches Philip, 1977, Proc. ent. Soc. Wash. 79: 30. MEXICO.

Holotype ♀: Mex. Chis. 6500 ft. 20 mi. N. Bochil, Yerba Buena, 9-10 June 1969, W.R.M. Mason/ Holotype *Stypommisa apaches* Philip, CNC No. 12926/ Holotype *Stypommisa apaches* n.sp. C.B. Philip 73/ label (with eye banding).

Stypommisa u-nigrum Philip, 1977, Proc. ent. Soc. Wash. 79: 28. MEXICO.

Holotype ♀: Mex. Chiapas, Montebello Nat. Pk., 17.V.1969, H.J. Teskey/ Holotype *Stypommisa u-nigrum* Philip, CNC No. 12925/ Holotype ♀ *Stypommisa u-nigrum* n.sp. C.B. Philip '73. Paratype: 1♀, Mexico.

Tabanus atrobasis McDunnough, 1921, Can. Ent. 53: 144. CANADA.

Holotype ♀: Mt. Lehman, B.C., 30.V.1910, S. Hadwen/ Holotype *Tabanus atrobasis* McD., CNC No. 210.

Paratypes: 5♀♀, British Columbia.

Tabanus canadensis Curran, 1927e, Can. Ent. 59: 82. CANADA.

Holotype ♀: Winnipegosis, Man., 13.VII.26, G.S. Brooks/ Holotype *Tabanus canadensis* Curran, CNC No. 2368/ *Tabanus frontalis* 1 Wlk., Det. J.F. McAlpine 1952.

Paratypes: 4♀♀, Manitoba; 1♀, Alberta.

Tabanus criddlei Brooks, 1946, Can. Ent. (1945) 77: 234. CANADA.

Holotype ♀: Aweme, Man., 6.VII.1917, N. Criddle/ Holotype ♀ *Tabanus criddlei* Brks., CNC No. 5629.

Allotype ♂: Aweme, Man., 1.VII.1921, P. Vroom/ Allotype ♂ *Tabanus criddlei* Brks., CNC No. 5629.

Paratypes: 2♂♂, Ontario; 2♂♂, 1♀, Manitoba.

Tabanus cristatus Curran, 1927e, Can. Ent. 59: 81. CANADA.

Holotype ♂: Nordegg, Alta., 11.VII.1921, J. McDunnough/ Holotype *Tabanus cristatus* Curran, CNC No. 2369.

Allotype ♀: Labrador/ Allotype *Tabanus cristatus* Curran, CNC No. 2369.

Paratype: 1♂, Alberta.

Tabanus glaucomaculis Philip, 1978, Pan-Pacif. Ent. 54: 109. MEXICO.

Holotype ♀: Chipinque, Mesa Monterrey, N.L., Mex. VIII.26-29.1960, H.F. Howden/ eye banding label/ index 1/ 3.6/ Holotype *Tabanus glaucomaculis* Philip, CNC No. 12923/ Holotype *Tabanus glaucomaculis* n.sp. Det. C.B. Philip 1973.

Paratype: 1 ♀, Mexico.

Remarks: Both wings are broken from the holotype, one is broken in half and glued to a label under the specimen. The right front leg, and left middle and hind leg are also missing.

Tabanus laniferus McDunnough, 1922, Can. Ent. 54: 239. CANADA.

Holotype ♀: Banff, Alta./ Holotype *T. laniferus*, CNC No. 511/ Jul. 24, 1915 Sanson.

Allotype ♂: Same locality and collector as holotype.

Paratypes: 2 ♀ ♀, Alberta; 2 ♀ ♀, British Columbia.

Tabanus laticeps Hine, 1904, Ohio Nat. 5: 239. USA.

Syntype: 1 ♀, CNC No. 282.

"♀"; Palo Alto, Cal. 29 July '917/ L.S.J.U. Lot 78 Sub/ TYPE/ PARATYPE *T. laticeps* Hine No. 282/ SYNTYPE *tabanus laticeps* hine CNC No. 282.

Tabanus liorhinus Philip, 1936, Can. Ent. 68: 151. CANADA.

Holotype ♀: Salmon L., Nicola Dist., B.C., Aug. 8, 1930, H. Mobley/ eye banding label/ Holotype *Tabanus liorhinus* Philip, CNC No. 3972/ Holotype *Tabanus liorhinus* n.sp. ♀ 35 C.B. Philip.

Paratypes: 3 ♀ ♀, Manitoba.

Tabanus metabolus McDunnough, 1922, Can. Ent. 54: 239. CANADA.

Holotype ♀: Nordegg, Alta., 15.VI.1921, J. McDunnough/ Holotype *T. metabolicus* [sic] CNC No. 510.

Allotype ♂: Same data as holotype.

Paratypes: 12 ♀ ♀, Alberta.

Tabanus nudus McDunnough, 1921, Can. Ent. 53: 143. CANADA.

Holotype ♀: Ottawa, Ont., 19/ I.VI.08, M.B./ Holotype *T. nudus* McD., CNC No. 208.

Paratypes: 1 ♀, New Brunswick; 1 ♀, Ontario; 2 ♀ ♀, Manitoba; 2 ♀ ♀, Saskatchewan; 2 ♀ ♀, British Columbia.

Tabanus ohioensis Hine, 1901, Can. Ent. 33: 28. USA.

Syntype: 1 ♀, CNC No. 281.

"♀"; Danville, O. 6-15-00/ TYPE/ PARATYPE *T. ohioensis* Hine No. 281/ SYNTYPE *Tabanus ohioensis* Hine CNC No. 281.

Tabanus osburni Hine, 1904, Ohio Nat. 5: 241. CANADA.

Syntypes: 2 ♀ ♀, CNC No. 280.

"♀"; Laggan, Alberta, July 22, 1901/ TYPE/ PARATYPE *T. osburni* Hine No. 280/ SYNTYPE *Tabanus osburni* Hine CNC No. 280.

"♀"; Banff, Alta., 2.VIII.1907 J. Fletcher/ TYPE/ PARATYPE *T. osburni* Hine No. 280/ SYNTYPE *Tabanus osburni* Hine CNC No. 280.

Tabanus (Hybomitra) pediontis McAlpine, 1961, Can. Ent. 93: 907. CANADA.

Holotype ♀: Whitewater L. 4 mi. N. Whitewater, Man., 30.VII.1958, R.B. Madge/ Holotype *Tabanus (Hyb.) pediontis* McA., CNC No. 7353.

Allotype ♂: Welling, Alta., 20 July 1958, J.A. Shemanchuk/ Allotype *Tabanus (Hyb.) pediontis* McA., CNC No. 7353.

Paratypes: 44 ♀ ♀, Manitoba; 9 ♀ ♀, Saskatchewan; 8 ♂ ♂, 62 ♀ ♀, Alberta.

Remarks: The CNC type number is 7353, not 7352 as published.

Tabanus rupestris McDunnough, 1921, Can. Ent. 53: 143. USA.

Holotype ♀: Gallatin Co., Mont., July 14, 1919 Elevation 7500/ Holotype *T. rupestris* McD., CNC No. 209.

Paratype: 1 ♀, Alberta (Canada).

Tabanus trepidus McDunnough, 1921, Can. Ent. 53: 142. CANADA.

Holotype ♀: Mer Bleue, Ottawa, Ont., 26th June 1904 W. Metcalfe/ Holotype *Tabanus trepidus* McD. CNC No. 206.

Paratypes: 1 ♀, Nova Scotia; 1 ♀, New Brunswick; 2 ♀ ♀, Ontario; 2 ♀ ♀, British Columbia.

Remarks: There is one additional specimen labeled as a paratype, but it is not from a locality mentioned in the original description.

Teskeyellus hirsuticornis Philip & Fairchild, 1974, Can. Ent. 106: 985. MEXICO.

Holotype ♀: Mex. Chis. 3 mi. N. San Cristobal, 29.V.69, 7000' H.J. Teskey/ Holotype *Teskeyellus hirsuticornis* Philip & Fchld., CNC No. 12923/ Holotype *Teskeyellus hirsuticornis* Philip & Fairchild/ eyes (relax) bronze-black unbanded.

Allotype ♂: Mex. Chis. 5 mi. W. San Cristobal, 3.V.69, 7500' H.J. Teskey/ Allotype *Teskeyellus hirsuticornis* Philip & Fchld., CNC No. 12923/ Allotype *Teskeyellus hirsuticornis* Philip & Fairchild '74/ slide No.

Remarks: Philip & Fairchild were apparently unsuccessful in their attempt to dissect the terminalia of the holotype, however the remainder of the abdomen is glued to a paper point below the specimen. The allotype has the terminalia mounted on a microscope slide. According to the original description, the allotype was stated to be deposited in the collection of C.B. Philip, however it is now deposited in the CNC. The male paratype which is supposed to be deposited in the CNC remains in the collection of C.B. Philip.

THEREVIDAE

Henicomymia bicolor Lyneborg, 1972, Ann. Natal Mus. 21: 367. BRAZIL.

Holotype ♂: Nova Teutonia 27° 11'S, 52° 23'W Brazil, 300-500 m. XI.1944, Fritz Plaumann/ Holotype/ HOLOTYPE *Henicomymia bicolor* Lyneborg, CNC No. 18208/ Therevidae L. Lyneborg Specimen no. 1212/ *Henicomymia bicolor* sp.n. det. Lyneborg 1970.

Paratype: 1 ♀, Brazil.

Remarks: According to Lyneborg the holotype is deposited in the United States National Museum, Smithsonian Institution. However, Irwin (1978) states that the holotype was mistakenly deposited in the United States National Museum, and it has since been returned to the CNC.

Pallicephala quebecensis Webb & Irwin, 1991, Proc. ent. Soc. Wash. 93: 883. CANADA.

Holotype ♂: Gt. Whale R., P.Q.[Quebec] 18.VII.1949 J. R. Vockeroth/ CNC No.20890 HOLOTYPE *Pallicephala quebecensis* Webb & Irwin/ THEREVIDAE M. E. Irwin Specimen # 6739.

Paratypes: 5 ♂♂, 13 ♀♀, Quebec.

Remarks: The holotype has its terminalia dissected and stored in glycerine in a plastic microvial that is pinned with the specimen.

Psilocephala albertensis Cole, 1925, Can. Ent. 57: 86. CANADA.

Holotype ♂: Lethbridge, Alta., June 15, 1921, W. Carter/ HOLOTYPE *Psilocephala albertensis* Cole, CNC No. 448/ *Psilocephala albertensis* Cole.

Remarks: There is a specimen in the CNC labeled as "allotype", but it is from Aweme, Man., 24.V.1922, H.A. Robertson, whereas the allotype is supposed to have been collected according to the original description, on the 31.V.1921 by H.L. Seamens.

Psilocephala canadensis Cole, 1923, Proc. U.S. natn. Mus. 62: 57. CANADA.

Holotype ♀: Trenton, Ont., Can., 6.VI.02, Evans/ HOLOTYPE *Psilocephala canadensis* Cole, CNC No. 1204/ Holotype *canadensis*/ *Psilocephala canadensis* Cole, Cole det.

Paratype: 1 ♀, Ontario.

Remarks: The holotype is missing the right wing.

Schoutedenomyia longeantennata Lyneborg, 1976, Bull. Br. Mus. nat. Hist. (Ent.) 33: 218. RHODESIA.

Holotype ♀: Mt. Selinda, S. Rhodesia, Nov-Dec. 1930, R.H.R. Stevenson/ HOLOTYPE *Schoutedenomyia longeantennata* Lyneborg, CNC No. 18210/ Holotype/ AMNH/ *Schoutedenomyia longeantennata* ♀ Lyne., Lyneborg det. 1976.

Thereva brunnea Cole, 1923, Proc. U.S. natn. Mus. 62: 108. CANADA.

Holotype ♂: bred, Victoria, B.C., 3.VII.1919, W. Downes/ HOLOTYPE *Thereva brunnea* Cole, CNC No. 223/ Bred from larva/ *Thereva brunnea* Cole.

Allotype ♀: Victoria, 30.VI.1918, W.B. Anderson/ ALLOTYPE *Thereva brunnea* Cole, CNC No. 223.

Remarks: The holotype has the terminalia stored in glycerine in a plastic microvial that is pinned with the specimen.

Thereva comata Loew, 1869, Berl. ent. Z. 13: 7. USA.

Syntype: 1 ♀, CNC No. 2149.

"♀"; Californ[ia] 5/ Loew/ *comata*/ Type 10684/ *Thereva comata* L./ PARATYPE *Thereva comata* Loew No. 2149/ SYNTYPE *Thereva comata* Loew, CNC No. 2149.

Remarks: In the original description the generic name is misspelled *Thereua*. The above specimen has a red Museum of Comparative Zoology type label, number 10684.

Thereva macdunnoughi Cole, 1925, Can. Ent. 57: 87. CANADA.

Holotype ♂: Nordegg, Alta., 15.VII.1921, J. McDunnough/ HOLOTYPE *Thereva macdunnoughi* Cole, CNC No. 447/ 6500 ft./ *Thereva macdunnoughi* ♂, Cole.

Allotype ♀: Same data as holotype.

Remarks: The holotype has its terminalia stored in glycerine in a plastic microvial that is pinned with the specimen.

Thereva nigripilosa Cole, 1923, Proc. U.S. natn. Mus. 62: 110. CANADA.

Holotype ♂: Victoria, B.C., 15.VI.1919, W. Downes/ HOLOTYPE *Thereva nigripilosa* Cole, CNC No. 1205/ Bred from larvae/ 1/ TYPE/ *Thereva nigripilosa* Cole, Cole det.

Thereva vialis Osten Sacken, 1877, Bull. U.S. geol. Surv. 3: 274. USA.

Syntype: 1 ♂, CNC No. 2150.

"♂"; Yosemite, Cal. June 9 O. Sack./ O. Sacken West. Dipt/ *vialis*/ Type 10677/ PARATYPE *Thereva vialis* O.S. No. 2150/ ACROSATHE *vialis* (O.S.) ♂ det. M.E. Irwin 1982/ *Acrosathe vialis* (O.S.) det. M.E. Irwin 82/ SYNTYPE *Thereva vialis* O.S. CNC No. 2150.

Remarks: The above specimen has a red Museum of Comparative Zoology type label, number 10677.

XYLOMYIDAE

Phloophila crepuscula Hull, 1944a, Ent. News 55: 263. USA.

Holotype ♂: Oxford, Miss., May 1941/ F.M. Hull Collector/ Holotype *Phloophila crepuscula* Hull, CNC No. 17948/ Holotype *crepuscula* Hull.

Allotype ♀: Same data as holotype.
Paratypes: 2♂♂, 6♀♀, Mississippi.

Phloophila pygmaea Hull, 1944a, Ent. News 55: 264. USA.
Holotype ♀: Oxford, Miss., May 1941/ F.M. Hull
Collector/ Holotype *Phloophila pygmaea* [sic]
Hull, CNC No. 17925/ Holotype *Phloophila*
pygmaea [sic] Hull.

ADDENDUM TO PART 1

CECIDOMYIIDAE

Cretocatocha mc Alpinei Gagné, 1977, Proc. ent. Soc. Wash.
79: 58. CANADA
Holotype ♂: (Canadian amber) nr. Medicine Hat,
Alta., McAlpine and Teskey, May 1973/ Can.
Nat. Coll. Type No. CAS 593, *Cretocatocha*
mc Alpinei Gagné Holotype Slide No.

Cretomiastor ferejunctus Gagné, 1977, Proc. ent. Soc. Wash.
79: 62. CANADA
Holotype ♀: (Canadian amber) nr. Medicine Hat,
Alta., McAlpine, Cooper, Daze/ Can. Nat.
Coll. Type No. CAS 1163c, *Cretomiastor*
ferejunctus Gagné, HOLOTYPE, Slide No.
Paratype: 1♂, Alberta.

Cretowinnertzia angustala Gagné, 1977, Proc. ent. Soc. Wash.
79: 60. CANADA
Holotype ♀: (Canadian amber) Cedar Lake, Man.,
July 1950, Bird and Brown/ Can. Nat. Coll.
Type No. CAS 25, *Cretowinnertzia angustala*
Gagné, HOLOTYPE Slide No.

MYCETOPHILIDAE

Mycomya elaphas Väisänen, 1984, Annls ent. fenn. 50: 115.
USA.
Holotype ♂: Thousand Palms, Cal. 6-III-1955 W. R.
Richards/ Holotypus *Mycomya elaphas* n.sp.
Väisänen, 1984/ *Mycomya* ♂ *elaphas* n.sp. R.
Väisänen det. 1984/ HOLOTYPE *Mycomya*
elaphas Väisänen CNC No. 21611.
Remarks: The holotype has its terminalia stored in
glycerine in a plastic microvial that is pinned
with the specimen.

THAUMALEIDAE

Thaumalea anolo Schmid, 1970, Naturaliste can. 97: 501.
USA.
Holotype ♂: U.S.A. Oregon, Marion Co., French
Creek 19-VI-1965 CNC No. 11036.
Remarks: Although the holotype is supposed to have
been deposited in the CNC, it is not present at
this time. The data for the type specimen were
taken from the original description.

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<i>aldrichii</i> Melander, <i>Lasiopogon</i>	7	<i>australensis</i> Evenhuis, <i>Paramonovomyia</i>	11
<i>alpha</i> Hull, <i>Eristalis temporalis</i>	59	<i>australis</i> Adisoemarto & Wood, <i>Dioctria</i>	6
<i>alpinensis</i> Fluke & Hull, <i>Cheilosia sialia</i>	57	<i>austropolita</i> Teskey & Chillcott, <i>Syndyas</i>	33
<i>althaea</i> Hull, <i>Xylota</i>	77	<i>autumnalis</i> Banks, <i>Asilus</i>	3
<i>alticola</i> McFadden, <i>Merosargus</i>	45	<i>avispa</i> Vockeroth, <i>Alipumilio</i>	52
<i>alticola</i> McFadden, <i>Ptecticus</i>	51	<i>azurina</i> Hull, <i>Volucella</i>	75
<i>ambocnema</i> Chillcott, <i>Rhamphomyia</i>	31	<i>bacchiformis</i> Vockeroth, <i>Hermesomyia</i>	60
<i>americana</i> Curran, <i>Leucozona lucorum</i>	61	<i>badius</i> Van Duzee, <i>Chrysotus</i>	14
<i>amplus</i> Curran, <i>Platycheirus</i>	67	<i>barbata</i> James, <i>Lobisquama</i>	44
<i>amplus</i> Curran, <i>Scellus</i>	25	<i>barbatula</i> François, <i>Phthiria</i>	12
<i>ampulla</i> James, <i>Merosargus</i>	45	<i>barei</i> Curran, <i>Volucella</i>	75
<i>ampullaceus</i> Van Duzee, <i>Hydrophorus</i>	19	<i>basicornis</i> Curran, <i>Microdon</i>	65
<i>anastasia</i> Hull, <i>Volucella</i>	75	<i>beatricea</i> Hull, <i>Baccha</i>	52
<i>anatolica</i> Chillcott, <i>Micremphis</i>	29	<i>beatricea</i> Hull, <i>Volucella</i>	75
<i>anaticus</i> Chillcott, <i>Platypalpus</i>	30	<i>belinda</i> Hull, <i>Volucella</i>	75
<i>andersoni</i> Curran, <i>Dolichopus</i>	15	<i>bellulus</i> Van Duzee, <i>Chrysotus</i>	14
<i>andinus</i> James, <i>Merosargus</i>	45	<i>beta</i> Hull, <i>Eristalis temporalis</i>	59
<i>angustala</i> Gagné, <i>Cretowinnertzia</i>	82	<i>bicincta</i> Hull, <i>Euprepina</i>	10
<i>angustifacies</i> Hurley, <i>Hydrophorus</i>	19	<i>bicolor</i> Lyneborg, <i>Henicomomyia</i>	81
<i>angustistylus</i> Vockeroth, <i>Paragus</i>	66	<i>bifRACTUS</i> Loew, <i>Dolichopus</i>	15
<i>angustus</i> James, <i>Merosargus</i>	45	<i>bigelowi</i> Curran, <i>Cheilosia</i>	56
<i>annulatus</i> Van Duzee, <i>Gymnopternus</i>	18	<i>bigelowi</i> Curran, <i>Chrysogaster</i>	57
<i>anolo</i> Schmid, <i>Thaumalea</i>	82	<i>bigelowi</i> Curran, <i>Cynorhina</i>	58
<i>anomalocerus</i> Robinson, <i>Gymnopternus</i>	18	<i>bigelowi</i> Curran, <i>Cyrtopogon</i>	4
<i>apaches</i> Philip, <i>Stypommisa</i>	79	<i>bigelowi</i> Curran, <i>Platycheirus</i>	67
<i>apegiensis</i> Harbach, <i>Mesograpta</i>	64	<i>bigelowi</i> Curran, <i>Syrphus</i>	73
<i>apicaudus</i> Curran, <i>Brachypalpus</i>	55	<i>bigelowi</i> Walley, <i>Rhamphomyia</i>	32
<i>appalachiensis</i> Coovert, <i>Sphegina</i>	71	<i>bimaculata</i> Van Duzee, <i>Argyra</i>	13
<i>aquelonius</i> Kelsey, <i>Scenopinus</i>	42	<i>bispinosus</i> Vockeroth, <i>Paragus</i>	66
<i>arbores</i> Curran, <i>Rhaphium</i>	23	<i>bivittatus</i> James, <i>Merosargus</i>	45
<i>arctica</i> Johnson, <i>Volucella bombylans</i>	75	<i>blomae</i> Peterson & Arntfield, <i>Coniceromyia</i>	35
<i>arctotibia</i> Chillcott, <i>Rhamphomyia</i>	31	<i>blomae</i> Teskey, <i>Austrodromia</i>	26
<i>arcuatus</i> James, <i>Merosargus</i>	45	<i>bomboxynon</i> Chillcott, <i>Micremphis</i>	29
<i>arenicola</i> Osten Sacken, <i>Daulopogon</i>	6	<i>borealis</i> Curran, <i>Lonchoptera</i>	35

<i>bostoni</i> McAlpine & Martin, <i>Sciadophora</i>	38	<i>casimira</i> Hull, <i>Comptosia</i>	9
<i>bovatus</i> Hurley, <i>Hydrophorus</i>	19	<i>caudata</i> Curran, <i>Criorhina</i>	58
<i>brachygaster</i> Hull, <i>Sphegina</i>	71	<i>caudatum</i> Curran, <i>Copestylum</i>	58
<i>brasiliensis</i> Chillcott, <i>Micrempis</i>	29	<i>cavernicola</i> Melander, <i>Hilara</i>	28
<i>brevicauda</i> Van Duzee, <i>Sympycnus</i>	25	<i>cecrops</i> Hull, <i>Baccha</i>	52
<i>brevicera</i> Hull, <i>Quichuana inca</i>	69	<i>ceres</i> Hull, <i>Meromacrus</i>	62
<i>breviciliatus</i> Van Duzee, <i>Dolichopus</i>	15	<i>cerussatus</i> Osten Sacken, <i>Cyrtopogon</i>	5
<i>brevicornis</i> Loew, <i>Hormopeza</i>	28	<i>chiastoneura</i> Hull, <i>Staurostichus</i>	13
<i>brevidens</i> Philip, <i>Dichelacera</i>	78	<i>chilensis</i> James, <i>Nemotelus</i>	49
<i>brevifacies</i> Hull, <i>Mesogramma</i>	63	<i>chillcotti</i> Bickel, <i>Medetera</i>	20
<i>brevifacies</i> James, <i>Dactylodeictes</i>	44	<i>chillcotti</i> Chvála, <i>Platypalpus</i>	30
<i>brevifurca</i> Melander, <i>Bicellaria</i>	26	<i>chillcotti</i> Fluke, <i>Metasyrphus</i>	64
<i>brevis</i> Martin, <i>Machimus</i>	8	<i>chillcotti</i> James, <i>Rhagio</i>	41
<i>brooksi</i> Curran, <i>Parhelophilus</i>	66	<i>chillcotti</i> Thompson, <i>Spheginobaccha</i>	71
<i>browni</i> Curran, <i>Cheilosia</i>	56	<i>chillcotti</i> Wilder, <i>Oreothalia</i>	30
<i>browni</i> Curran, <i>Empis</i>	27	<i>chilosia</i> Curran, <i>Melanostoma</i>	61
<i>browni</i> Curran, <i>Hydrophorus</i>	19	<i>chinchona</i> Kelsey, <i>Seguyella</i>	43
<i>browni</i> Curran, <i>Rhaphium</i>	24	<i>chirospheana</i> Hull, <i>Platycheirus</i>	67
<i>browni</i> Curran, <i>Stratiomys</i>	52	<i>chlorhimas</i> James, <i>Nemotelus</i>	49
<i>browni</i> Disney, <i>Pseudacteon</i>	38	<i>chrysochlamys</i> Williston, <i>Cheilosia</i>	56
<i>browni</i> Van Duzee, <i>Hercostomus</i>	18	<i>chrysopressa</i> Hull, <i>Planes</i>	67
<i>bruesii</i> Melander, <i>Nemotelus</i>	49	<i>chrysorheus</i> Hull, <i>Helolaphyctis</i>	7
<i>brunnea</i> Bromley, <i>Bombomima posticata</i>	4	<i>churchillensis</i> Chillcott, <i>Platypalpus</i>	30
<i>brunnea</i> Brown, <i>Kerophora</i>	37	<i>ciliatum</i> Curran, <i>Rhaphium</i>	24
<i>brunnea</i> Cole, <i>Thereva</i>	81	<i>cilimanus</i> Van Duzee, <i>Neurigona</i>	22
<i>brunnipennis</i> Hull, <i>Baccha</i>	52	<i>cineralis</i> Hull & Fluke, <i>Cheilosia</i>	56
<i>bulbapennis</i> Kelsey, <i>Scenopinus</i>	42	<i>citima</i> Vockeroth, <i>Spilomyia</i>	71
<i>bulbosus</i> Fluke, <i>Stenosyrphus</i>	72	<i>citrinus</i> James, <i>Merosargus</i>	45
<i>caesius</i> Melander, <i>Cyrtopogon</i>	4	<i>clara</i> Hull, <i>Volucella</i>	75
<i>calcar</i> Teskey, <i>Atylotus</i>	78	<i>claripennis</i> Van Duzee, <i>Hydrophorus</i>	19
<i>calcarata</i> Curran, <i>Eucyrtopogon</i>	6	<i>clavata</i> Webb, <i>Hilarimorpha</i>	34
<i>calcitrans</i> Curran, <i>Chalcomyia</i>	56	<i>cobaltinus</i> Van Duzee, <i>Chrysotus</i>	14
<i>calochaeta</i> Hull, <i>Volucella</i>	75	<i>cobboldia</i> Hull, <i>Baccha</i>	52
<i>calvus</i> Pechuman & Teskey, <i>Chrysops</i>	78	<i>coleophora</i> Melander, <i>Hemerodromia empiformis</i>	27
<i>cameroni</i> Curran, <i>Chrysopilus</i>	41	<i>columbiae</i> Curran, <i>Cheilosia</i>	56
<i>campestris</i> Curran, <i>Rhaphium</i>	24	<i>columbiae</i> Curran, <i>Mallota</i>	61
<i>camponoti</i> Brown, <i>Styletta</i>	38	<i>columbiae</i> Curran, <i>Stenosyrphus</i>	72
<i>campisicnemoides</i> Robinson, <i>Gymnopternus</i>	18	<i>columbiana</i> Vockeroth, <i>Sphecomyia</i>	71
<i>cana</i> Melander, <i>Iteaphila</i>	28	<i>columbianum</i> Curran, <i>Chrysotoxum</i>	58
<i>canada</i> Hull & Fluke, <i>Cheilosia</i>	56	<i>columbiensis</i> Priddy, <i>Conophorus</i>	10
<i>canadambra</i> McAlpine & Martin, <i>Prioriphora</i>	38	<i>comantis</i> Curran, <i>Eucyrtopogon</i>	6
<i>canadense</i> Curran, <i>Rhaphium</i>	24	<i>comata</i> Loew, <i>Thereva</i>	81
<i>canadensis</i> Bickel, <i>Medetera</i>	20	<i>comatus</i> Loew, <i>Dolichopus</i>	15
<i>canadensis</i> Cole, <i>Psilocephala</i>	81	<i>confusa</i> Curran, <i>Laphystia</i>	7
<i>canadensis</i> Curran, <i>Aemosyrphus</i>	52	<i>confusum</i> Curran, <i>Melanostoma</i>	61
<i>canadensis</i> Curran, <i>Chrysochroma</i>	43	<i>confusus</i> Kröber, <i>Chrysops moerens</i>	78
<i>canadensis</i> Curran, <i>Chrysogaster</i>	57	<i>conica</i> Curran, <i>Neoascia</i>	65
<i>canadensis</i> Curran, <i>Cynorhinella</i>	59	<i>conopsoides</i> James, <i>Merosargus</i>	45
<i>canadensis</i> Curran, <i>Laphystia</i>	7	<i>consanguineus</i> Wheeler, <i>Hygroceleuthus</i>	20
<i>canadensis</i> Curran, <i>Nicocles</i>	8	<i>consentiens</i> Curran, <i>Cheilosia</i>	56
<i>canadensis</i> Curran, <i>Syrphus</i>	73	<i>conservativa</i> Malloch, <i>Rhamphomyia</i>	32
<i>canadensis</i> Curran, <i>Tabanus</i>	79	<i>contiguus</i> James, <i>Nemotelus</i>	49
<i>canadensis</i> Hardy, <i>Dorylomorpha</i>	39	<i>convexiceps</i> James, <i>Nemotelus</i>	49
<i>canadensis</i> Johnson, <i>Agathomyia</i>	40	<i>cooleyi</i> Seamans, <i>Tropidia</i>	75
<i>canadensis</i> Kröber, <i>Chrysops</i>	78	<i>cooverti</i> Vockeroth, <i>Paragus</i>	66
<i>canadensis</i> Schlinger, <i>Ogcodes</i>	3	<i>coracinus</i> Vockeroth, <i>Platycheirus</i>	67
<i>capensis</i> Hesse, <i>Pantostomus</i>	11	<i>cordelia</i> Hull, <i>Baccha</i>	53
<i>capnoteris</i> Melander, <i>Oreogeton</i>	30	<i>crenulatum</i> Williston, <i>Melanostoma</i>	61
<i>carectorum</i> Chillcott, <i>Platypalpus</i>	30	<i>crepuscula</i> Hull, <i>Phloophila</i>	81
<i>carina</i> Brown, <i>Gymnophora</i>	36	<i>crickmayi</i> Curran, <i>Hilara</i>	28
<i>carpofusca</i> Teskey, <i>Micrempis</i>	29	<i>criddlei</i> Brooks, <i>Tabanus</i>	79

<i>criddlei</i> Van Duzee, <i>Hydrophorus</i>	19	<i>elongatum</i> Van Duzee, <i>Rhaphium</i>	24
<i>cristatus</i> Curran, <i>Tabanus</i>	79	<i>elongatus</i> James, <i>Merosargus</i>	46
<i>croesus</i> Hull, <i>Mesogramma</i>	63	<i>emarginicornis</i> Curran, <i>Parasyntormon</i>	23
<i>cumbipilosus</i> Adisoemarto, <i>Asilus</i>	3	<i>enigmatica</i> Teskey, <i>Hybomitra</i>	78
<i>cunata</i> Webb, <i>Hilarimorpha</i>	34	<i>epsilon</i> James, <i>Macromeracis</i>	44
<i>cuneicornis</i> Robinson, <i>Gymnopternus</i>	18	<i>erebea</i> Wilkerson & Fairchild, <i>Esenbeckia</i>	78
<i>cuprescens</i> Hull, <i>Planes</i>	67	<i>erecta</i> McFadden, <i>Cyphomyia</i>	43
<i>curico</i> Woodley, <i>Parhadrestia</i>	51	<i>erinacioides</i> Malloch, <i>Rhamphomyia</i>	32
<i>currani</i> Hull, <i>Baccha</i>	53	<i>eronis</i> Curran, <i>Pipunculus</i>	40
<i>currani</i> Van Duzee, <i>Chrysotus</i>	14	<i>erraticus</i> Curran, <i>Platycheirus</i>	67
<i>currani</i> Van Duzee, <i>Argyra</i>	13	<i>ethellia</i> Curran, <i>Rhamphomyia</i>	32
<i>curva</i> Curran, <i>Iteaphila</i>	28	<i>evidens</i> Osten Sacken, <i>Cyrtopogon</i>	5
<i>curvaria</i> Curran, <i>Heliophilus</i>	60	<i>extrapolata</i> Hull, <i>Mesogramma</i>	63
<i>curvarmatus</i> DeMeyer, <i>Cephalops</i>	38	<i>extricatoides</i> Albrecht, <i>Dorylomorpha</i>	39
<i>curvistoma</i> Hesse, <i>Plesiocera</i>	12	<i>falciformis</i> Brown, <i>Gymnophora</i>	36
<i>cybele</i> Hull, <i>Crepidomyia</i>	58	<i>falcipedia</i> Chillcott, <i>Rhamphomyia</i>	32
<i>cylindricus</i> Van Duzee, <i>Diaphorus</i>	15	<i>fallax</i> Curran, <i>Melanostoma</i>	61
<i>cymbalista</i> Osten Sacken, <i>Cyrtopogon</i>	5	<i>felix</i> Curran, <i>Platycheirus</i>	67
<i>cyrtometopius</i> James, <i>Merosargus</i>	46	<i>femineum</i> Curran, <i>Platycheirus</i>	67
<i>damula</i> Brown, <i>Gymnophora</i>	36	<i>fenestrata</i> Hull, <i>Comptosia</i>	9
<i>daphne</i> Hull, <i>Didea</i>	59	<i>ferejunctus</i> Gagné, <i>Cretomiastor</i>	82
<i>dasyops</i> Malloch, <i>Dolichopus</i>	16	<i>ferruginea</i> Brown, <i>Kerophora</i>	37
<i>decipiens</i> Williston, <i>Syrphus</i>	73	<i>festiva</i> Hull, <i>Polybiomyia</i>	69
<i>delila</i> Hull, <i>Volucella</i>	75	<i>fiametta</i> Hull, <i>Baccha</i>	53
<i>detera</i> Walley, <i>Empis</i>	27	<i>filicerus</i> DeMeyer, <i>Cephalops</i>	38
<i>diana</i> Hull, <i>Baccha</i>	53	<i>filissima</i> Hull, <i>Baccha</i>	53
<i>diana</i> Hull, <i>Salpingogaster</i>	70	<i>fistulator</i> Melander, <i>Proclinopyga</i>	31
<i>dichoptica</i> James, <i>Microchrysa</i>	48	<i>flabella</i> Hull, <i>Platycheirus</i>	67
<i>dichromaticus</i> Chillcott, <i>Rhagio</i>	41	<i>flammaria</i> Hull, <i>Mesogramma anthrax</i>	62
<i>digitata</i> James, <i>Hedrestia</i>	44	<i>flaminea</i> Hull, <i>Mesogramma</i>	63
<i>dilaticosta</i> Van Duzee, <i>Polymedon</i>	23	<i>flata</i> Hull, <i>Baccha</i>	53
<i>dimidiatus</i> Curran, <i>Promachus</i>	8	<i>flava</i> Chillcott, <i>Micrempis</i>	29
<i>dion</i> Hull, <i>Crepidomyia</i>	58	<i>flava</i> Hull, <i>Mesogramma</i>	63
<i>discaloides</i> Curran, <i>Stratiomys</i>	52	<i>flaviceps</i> McFadden, <i>Merosargus</i>	46
<i>disgregus</i> Snow, <i>Syrphus</i>	73	<i>flavicincta</i> Hull, <i>Phthiria</i>	12
<i>disjuncta</i> Adisoemarto & Wood, <i>Eudioctria</i>	6	<i>flavicurva</i> Hall, <i>Villa</i>	13
<i>dispar</i> Albrecht, <i>Dorylomorpha</i>	39	<i>flavicus</i> Teskey, <i>Micrempis</i>	29
<i>dissectus</i> Robinson, <i>Thrypticus</i>	26	<i>flavifacies</i> Van Duzee, <i>Dolichopus</i>	16
<i>distinctitarsus</i> Adisoemarto, <i>Cyrtopogon</i>	5	<i>flavipennis</i> Hull, <i>Pachygaster</i>	51
<i>ditissa</i> Webb, <i>Hilarimorpha</i>	34	<i>flaviventris</i> Robinson, <i>Gymnopternus</i>	18
<i>diversipennis</i> Curran, <i>Dolichopus</i>	16	<i>flavocuneus</i> Hull, <i>Mesogramma basilaris</i>	62
<i>diversipennis</i> Curran, <i>Mallota</i>	61	<i>flavolinea</i> Hull, <i>Meromacrus</i>	62
<i>diversipilosis</i> Curran, <i>Eucyrtopogon</i>	6	<i>flavopilosa</i> Hull, <i>Pilosia</i>	12
<i>diversipunctatus</i> Curran, <i>Stenosyrphus</i>	72	<i>flavus</i> Loew, <i>Gymnopternus</i>	18
<i>dives</i> Loew, <i>Pygostolus</i>	8	<i>flexus</i> Curran, <i>Heliophilus</i>	60
<i>divisa</i> James, <i>Oplachantha</i>	50	<i>flexus</i> Takagi, <i>Diostracus</i>	15
<i>divisus</i> James, <i>Merosargus</i>	46	<i>flinflon</i> Bickel, <i>Medetera</i>	21
<i>dolorosa</i> Hull, <i>Baccha</i>	53	<i>floreus</i> Hull, <i>Eristalis</i>	59
<i>dracula</i> Hull, <i>Baccha</i>	53	<i>florida</i> Hull, <i>Volucella</i>	75
<i>druis</i> Melander, <i>Apolysis</i>	9	<i>floridae</i> DeMeyer, <i>Microcephalops</i>	40
<i>dryope</i> Hull, <i>Baccha</i>	53	<i>floridensis</i> Chillcott, <i>Rhagio</i>	41
<i>dubius</i> Van Duzee, <i>Chrysotus hirtipes</i>	14	<i>forcipis</i> Brown, <i>Gymnophora</i>	36
<i>duofasciata</i> Hull, <i>Comptosia</i>	9	<i>foxleei</i> Vockeroth, <i>Spilomyia</i>	71
<i>durangoensis</i> Kessel & Young, <i>Calotarsa</i>	40	<i>frequens</i> Loew, <i>Gymnopternus</i>	18
<i>ecuadorena</i> Hull, <i>Mesogramma</i>	63	<i>frontalis</i> Van Duzee, <i>Dolichopus</i>	16
<i>ecuadorensis</i> James & McFadden, <i>Merosargus lyricus</i>	47	<i>frontosus</i> Loew, <i>Brachypalpus</i>	55
<i>elegans</i> Schiner & Egger, <i>Eumerus</i>	59	<i>fucattissimus</i> Hull, <i>Syrphipogon</i>	72
<i>elephas</i> Väisänen, <i>Mycomya</i>	82	<i>fulgensis</i> James, <i>Nemotelus</i>	49
<i>elongata</i> Banks, <i>Platyeza</i>	40	<i>fulvicorne</i> Nagatomi, <i>Arthroceras</i>	41
<i>elongata</i> Hull, <i>Mesogramma</i>	63	<i>fulvicornis</i> Curran, <i>Odontomyia</i>	50
<i>elongatulus</i> McFadden, <i>Sargus</i>	51	<i>fulvidorsum</i> Van Duzee, <i>Hydrophorus</i>	19

<i>fulvitaris</i> Albrecht, <i>Dorylomorpha</i>	39	<i>humilis</i> Loew, <i>Gymnopternus</i>	18
<i>fulvus</i> Hull, <i>Bathypogon</i>	3	<i>hunteri</i> Curran, <i>Cheilosia</i>	56
<i>fumipennis</i> James, <i>Merosargus</i>	46	<i>hunteri</i> Curran, <i>Cynorhina armillata</i>	58
<i>funebri</i> James, <i>Panacris</i>	51	<i>huron</i> Bromley, <i>Bombomima</i>	4
<i>furcatus</i> Robinson, <i>Chrysotus</i>	14	<i>hyalinipennis</i> Hull, <i>Volucella</i>	76
<i>furcifer</i> Curran, <i>Rhaphium</i>	24	<i>hybridus</i> Robinson, <i>Gymnopternus</i>	18
<i>furnaceus</i> DeMeyer, <i>Cephalops</i>	38	<i>hydrofenestra</i> Hull, <i>Volucella</i>	76
<i>fuscinervis</i> Van Duzee, <i>Psilopus</i>	23	<i>hypsele</i> Chillcott, <i>Rhamphomyia</i>	32
<i>fuscipennis</i> McFadden, <i>Ptecticus</i>	51	<i>imperialis</i> Curran, <i>Stenosyrphus</i>	72
<i>garaguaga</i> Hull & Martin, <i>Neodiplocampta</i>	11	<i>impressa</i> Hull, <i>Volucella</i>	76
<i>garretti</i> Curran, <i>Cynorhina</i>	58	<i>improvisa</i> Albrecht, <i>Dorylomorpha</i>	39
<i>garretti</i> Curran, <i>Hilara</i>	28	<i>impunctus</i> Kröber, <i>Chrysops geminatus</i>	78
<i>garretti</i> Curran, <i>Stenosyrphus</i>	72	<i>incanus</i> James & McFadden, <i>Merosargus lyricus</i>	47
<i>garretti</i> Kelsey, <i>Pseudatrachia</i>	42	<i>incisuralis</i> Loew, <i>Dolichopus</i>	16
<i>gaspensis</i> Bickel, <i>Medetera</i>	21	<i>incompletus</i> Adisoemarto, <i>Eucyrtopogon</i>	6
<i>geminatus</i> James, <i>Merosargus</i>	46	<i>incubus</i> Hull, <i>Eristalis</i>	59
<i>geminus</i> Hull, <i>Mesogramma</i>	63	<i>incurvatus</i> James, <i>Nemotelus</i>	49
<i>gibbosus</i> Van Duzee, <i>Diaphorus</i>	15	<i>infanta</i> Hull, <i>Baccha</i>	53
<i>gibsoni</i> Curran, <i>Rhaphium</i>	24	<i>innotata</i> Curran, <i>Odontomyia truquii</i>	50
<i>glaucomaculis</i> Philip, <i>Tabanus</i>	79	<i>inopinatus</i> Fairchild, <i>Querbetia</i>	79
<i>gloriosus</i> Hull, <i>Meromacrus</i>	62	<i>instabilis</i> Melander, <i>Oligodranes</i>	11
<i>gorgon</i> Hull, <i>Volucella</i>	75	<i>intentus</i> Curran & Fluke, <i>Helophilus</i>	60
<i>gracilior</i> James, <i>Merosargus</i>	46	<i>intermedia</i> Hull, <i>Mallota</i>	61
<i>gracilis</i> James, <i>Neoexaireta</i>	50	<i>intermedia</i> Hull, <i>Mesogramma</i>	63
<i>graenicheri</i> Van Duzee, <i>Psilopus</i>	23	<i>intermedia</i> Van Duzee, <i>Medetera</i>	21
<i>gramalis</i> Adisoemarto, <i>Asilus</i>	3	<i>interruptus</i> Malloch, <i>Syrphus sodalis</i>	74
<i>granadensis</i> Chvála, <i>Platypalpus</i>	30	<i>intricatus</i> Vockeroth, <i>Syrphus</i>	73
<i>grandis</i> Curran, <i>Porphyrops</i>	23	<i>inusitata</i> Brown, <i>Gymnophora</i>	36
<i>granditarsis</i> Curran, <i>Hilara</i>	28	<i>inversus</i> Curran, <i>Cyrtopogon</i>	5
<i>granti</i> Kelsey, <i>Pseudatrachia</i>	42	<i>inversus</i> Ide, <i>Platycheirus</i>	67
<i>granulosus</i> James, <i>Merosargus</i>	46	<i>invigoratus</i> Curran, <i>Syrphus</i>	73
<i>grisea</i> Hull, <i>Planes</i>	67	<i>irwini</i> James & McFadden, <i>Merosargus</i>	46
<i>grisescens</i> Hull, <i>Lejops</i>	60	<i>jamaicensis</i> Wilder, <i>Syneches vineus</i>	34
<i>grootaerti</i> DeMeyer, <i>Cephalops</i>	38	<i>johnsoni</i> Hull, <i>Mixogaster</i>	65
<i>guttulata</i> Hull, <i>Sphaerophoria</i>	70	<i>jubata</i> Chillcott, <i>Rhamphomyia</i>	32
<i>hackmani</i> François, <i>Empidideicus</i>	10	<i>karooana</i> Hesse, <i>Tomomyza</i>	13
<i>halcyon</i> Hull, <i>Salpingogaster</i>	70	<i>kerteszi</i> James & Woodley, <i>Popanomyia</i>	51
<i>halcyone</i> Hull, <i>Baccha</i>	53	<i>kerteszi</i> James, <i>Thopomyia</i>	52
<i>halli</i> Hull, <i>Eclimus</i>	10	<i>kjari</i> Stackelberg, <i>Dolichopus</i>	16
<i>halteralis</i> Loew, <i>Cyrtoma</i>	27	<i>lacertosa</i> Brown, <i>Gymnophora</i>	37
<i>handfordi</i> Curran, <i>Villa</i>	13	<i>lachrymellea</i> Hull, <i>Rhysops</i>	70
<i>hardyi</i> Albrecht, <i>Dorylomorpha</i>	39	<i>lacrimosus</i> James, <i>Merosargus</i>	46
<i>harpestylis</i> Chillcott, <i>Platypalpus</i>	30	<i>lacticoerulea</i> Hull, <i>Volucella</i>	76
<i>hemipennis</i> Hull, <i>Dideopsis</i>	59	<i>lamara</i> Webb, <i>Hilarimorpha</i>	34
<i>hermosa</i> Hull, <i>Fazia</i>	60	<i>laniferus</i> McDunnough, <i>Tabanus</i>	80
<i>hermosa</i> Hull, <i>Quichuana</i>	69	<i>laniger</i> James, <i>Merosargus</i>	46
<i>herschelli</i> Malloch, <i>Rhamphomyia</i>	32	<i>lantha</i> Webb, <i>Atherix</i>	3
<i>himalayensis</i> Bickel, <i>Medetera</i>	21	<i>lata</i> Curran, <i>Melanostoma</i>	62
<i>hippolite</i> Hull, <i>Baccha</i>	53	<i>latelimatus</i> Curran, <i>Euparyphus</i>	44
<i>hirpicifer</i> Hurley, <i>Hydrophorus</i>	20	<i>latericaudus</i> Curran, <i>Cyrtopogon montanus</i>	5
<i>hirsuticornis</i> Philip & Fairchild, <i>Teskeyellus</i>	80	<i>lateromaculatus</i> James, <i>Merosargus</i>	46
<i>hirsutissimus</i> James, <i>Nemotelus</i>	49	<i>latibrachia</i> Brown, <i>Gymnophora</i>	37
<i>hirtipes</i> Van Duzee, <i>Chrysotus</i>	14	<i>laticaudatus</i> Curran, <i>Syrphus</i>	73
<i>hirtipes</i> Van Duzee, <i>Hydrophorus</i>	20	<i>laticaudus</i> Curran, <i>Syrphus</i>	73
<i>hispanica</i> Lyneborg, <i>Oxycera</i>	50	<i>laticeps</i> Hine, <i>Tabanus</i>	80
<i>hispidipes</i> Vockeroth, <i>Platycheirus</i>	67	<i>latifrons</i> James, <i>Artemita</i>	43
<i>hondurania</i> Hull, <i>Microdon</i>	65	<i>latigena</i> James, <i>Zabrachia</i>	52
<i>howdeni</i> Kelsey, <i>Pseudatrachia</i>	42	<i>latisona</i> Hull, <i>Bryodemina</i>	9
<i>howdeni</i> Kelsey, <i>Scenopinus</i>	42	<i>latitarsis</i> Vockeroth, <i>Platycheirus</i>	67
<i>howdeni</i> Philip, <i>Hybomitra</i>	79	<i>laurella</i> Hull & Martin, <i>Neodiplocampta</i>	11
<i>hulli</i> Hull, <i>Paravilla</i>	12	<i>laxa</i> Osten Sacken, <i>Didea</i>	59

<i>lebanoensis</i> Fluke, <i>Syrphus</i>	73	<i>melleoguttata</i> Hull, <i>Mesogramma picta</i>	64
<i>leptotarsus</i> Curran, <i>Cyrtopogon</i>	5	<i>mentata</i> Webb, <i>Hilarimorpha</i>	34
<i>leucarista</i> Stackelberg, <i>Medetera</i>	21	<i>merbleuensis</i> Teskey & Chillcott, <i>Syndyas</i>	33
<i>limbiventris</i> Curran, <i>Euparyphus</i>	44	<i>metabolus</i> McDunnough, <i>Tabanus</i>	80
<i>linearis</i> James, <i>Merosargus</i>	47	<i>mexicana</i> Chillcott, <i>Micrempis</i>	29
<i>linearis</i> McFadden, <i>Ptecticus</i>	51	<i>mexicana</i> Kessel & Young, <i>Calotarsa</i>	40
<i>lineata</i> Hesse, <i>Coryprosopa</i>	10	<i>micrura</i> Osten Sacken, <i>Sphaerophoria</i>	70
<i>lineatus</i> James, <i>Eidalimus</i>	44	<i>millepalmae</i> Chillcott, <i>Micrempis</i>	29
<i>lineotarsus</i> Curran, <i>Cyrtopogon</i>	5	<i>milvina</i> Bromley, <i>Laphria</i>	7
<i>liorhinus</i> Philip, <i>Tabanus</i>	80	<i>mima</i> Hull, <i>Baccha</i>	53
<i>liriopoe</i> Hull, <i>Volucella</i>	76	<i>mime</i> Hull, <i>Tenthredomyia</i>	74
<i>lividifrons</i> Van Duzee, <i>Gymnopternus</i>	18	<i>mimica</i> Chillcott, <i>Micrempis</i>	29
<i>lividipes</i> Van Duzee, <i>Hydrophorus</i>	20	<i>minor</i> Curran, <i>Chrysotoxum</i>	58
<i>loewi</i> Banks, <i>Leptogaster</i>	8	<i>minuta</i> Hull, <i>Chrysogaster</i>	57
<i>longeantennata</i> Lyneborg, <i>Schoutedenomyia</i>	81	<i>miranda</i> Hull & Martin, <i>Neodiplocampta</i>	11
<i>longicornis</i> Loew, <i>Spilomyia</i>	71	<i>mirrella</i> Hull & Martin, <i>Neodiplocampta</i>	11
<i>longiductulus</i> DeMeyer, <i>Cephalops</i>	38	<i>mississippiensis</i> Hull, <i>Mallota</i>	61
<i>longihirtus</i> Van Duzee, <i>Chrysotus</i>	14	<i>mississippiensis</i> Hull, <i>Somula</i>	70
<i>longilamellatus</i> Robinson, <i>Micromorphus</i>	22	<i>mitis</i> Curran, <i>Ptiolina</i>	41
<i>longipennis</i> Loew, <i>Dolichopus</i>	16	<i>modestus</i> Ide, <i>Platycheirus</i>	67
<i>longiseta</i> Chillcott, <i>Allodromia</i>	26	<i>moechus</i> Loew, <i>Tachytrechus</i>	25
<i>longistylis</i> DeMeyer, <i>Cephalops</i>	38	<i>montana</i> Hull, <i>Quichuana</i>	70
<i>lucilia</i> Hull, <i>Volucella</i>	76	<i>monteithi</i> Kelsey, <i>Neopseudotrichia</i>	42
<i>lucretia</i> Hull, <i>Baccha</i>	53	<i>monterreyi</i> Kelsey, <i>Scenopinus</i>	43
<i>lundbecki</i> Curran, <i>Dolichopus</i>	16	<i>monticola</i> Melander, <i>Lasiopogon</i>	7
<i>luteopalpus</i> Curran, <i>Chrysotimus</i>	14	<i>mulio</i> Hull, <i>Mesogramma</i>	64
<i>luteopilosum</i> Curran, <i>Chrysotoxum</i>	58	<i>multisetosa</i> Chillcott, <i>Allodromia</i>	26
<i>lyrata</i> Hull, <i>Mesogramma</i>	63	<i>murphyi</i> Chillcott, <i>Platypalpus</i>	31
<i>macalpeni</i> Kelsey, <i>Pseudotrichia</i>	42	<i>myllomerus</i> Hurley, <i>Hydrophorus</i>	20
<i>macalpinei</i> Chillcott, <i>Chaetodromia</i>	27	<i>myrtella</i> Hull, <i>Baccha</i>	53
<i>macalpini</i> James, <i>Labostigmia</i>	44	<i>mystaceae</i> Curran, <i>Criorhina</i>	58
<i>macdunnoughi</i> Cole, <i>Thereva</i>	81	<i>namaquense</i> Hesse, <i>Crocidium</i>	10
<i>macgillisi</i> Chillcott, <i>Bolbomyia</i>	41	<i>nana</i> Coquillett, <i>Mancia</i>	11
<i>maculitarsis</i> Van Duzee, <i>Dolichopus</i>	16	<i>nana</i> James, <i>Macromeracis</i>	45
<i>magellanicus</i> James, <i>Nemotelus</i>	49	<i>nana</i> Loew, <i>Rhamphomyia</i>	32
<i>majalcai</i> Kelsey, <i>Scenopinus</i>	42	<i>nataliae</i> Stackelberg, <i>Dolichopus</i>	16
<i>mandalota</i> Melander, <i>Anthalia</i>	26	<i>nayariti</i> Kelsey, <i>Brevitrichia</i>	41
<i>manitobensis</i> Curran, <i>Microdon</i>	65	<i>nearctica</i> Shewell, <i>Hilara</i>	28
<i>manni</i> Chillcott, <i>Platypalpus</i>	31	<i>nearcticus</i> Vockeroth, <i>Platycheirus</i>	68
<i>margarita</i> Hull & Fluke, <i>Cheilosia</i>	56	<i>nebulifer</i> James, <i>Merosargus</i>	47
<i>margaritus</i> Hull, <i>Brachypalpus</i>	55	<i>nebulosus</i> Takagi, <i>Diostracus</i>	15
<i>maritima</i> Curran, <i>Criorhina</i>	58	<i>neocryptus</i> Harmston & Knowlton, <i>Hercostomus</i>	19
<i>maritimus</i> Hull, <i>Eristalis</i>	59	<i>neomelancholia</i> Bickel, <i>Medetera</i>	21
<i>marshalli</i> Brown, <i>Gymnophora</i>	37	<i>neoperplexus</i> Curran, <i>Syrphus</i>	73
<i>martynovi</i> Stackelberg, <i>Dolichopus</i>	16	<i>neotropica</i> Hull, <i>Mesogramma basilaris</i>	63
<i>masoni</i> Chillcott, <i>Chaetodromia</i>	27	<i>nepalensis</i> Bickel, <i>Medetera</i>	21
<i>masoni</i> Chillcott, <i>Platypalpus</i>	31	<i>neurostigma</i> Hippha, <i>Meropidia</i>	62
<i>masoni</i> Chillcott, <i>Symballophthalmus</i>	33	<i>nevadensis</i> Chvála, <i>Empis</i>	27
<i>masoni</i> Kelsey, <i>Scenopinus</i>	43	<i>nicolensis</i> Curran, <i>Euparyphus</i>	44
<i>matilda</i> Hull, <i>Meromacrus</i>	62	<i>nielseni</i> Vockeroth, <i>Platycheirus</i>	68
<i>mcalpinei</i> Gagné, <i>Cretocatocha</i>	82	<i>nigra</i> Kelsey, <i>Caenoneura</i>	41
<i>mcalpinei</i> Martin, <i>Machimus</i>	8	<i>nigra</i> Melander, <i>Tachyempis</i>	34
<i>medius</i> James, <i>Dactylodeictes</i>	44	<i>nigrachaetus</i> Hull, <i>Bathypogon</i>	3
<i>megalopyge</i> James, <i>Merosargus</i>	47	<i>nigribasis</i> James, <i>Merosargus</i>	47
<i>megantica</i> Curran, <i>Odontomyia</i>	50	<i>nigricornis</i> Curran, <i>Cnemodon</i>	58
<i>melanderi</i> Banks, <i>Nemotelus</i>	49	<i>nigricoxa</i> Van Duzee, <i>Dolichopus</i>	16
<i>melanderi</i> Chillcott, <i>Bolbomyia</i>	41	<i>nigrifacies</i> Curran, <i>Stenosyrphus</i>	72
<i>melanderi</i> Curran, <i>Melanostoma</i>	62	<i>nigrilineatus</i> Van Duzee, <i>Dolichopus</i>	16
<i>melanis</i> Curran, <i>Syrphus grossulariae</i>	73	<i>nigrinervis</i> Van Duzee, <i>Hydrophorus</i>	20
<i>melanothorax</i> McFadden, <i>Merosargus</i>	47	<i>nigripes</i> Curran, <i>Cynorhina</i>	59
<i>melantera</i> James, <i>Odontomyia</i>	50	<i>nigripilosa</i> Adisoemarto, <i>Holopogon</i>	7

<i>nigripilosa</i> Cole, <i>Thereva</i>	81	<i>pallitarsis</i> Curran, <i>Melanostoma</i>	62
<i>nigritarsus</i> Hull, <i>Saropogon</i>	8	<i>palliventris</i> Curran, <i>Syrphus</i>	74
<i>nigroapicata</i> Curran, <i>Cheilosia</i>	56	<i>palustris</i> Chillcott, <i>Platypalpus</i>	31
<i>nigrocomus</i> Hull, <i>Metasyrphus</i>	64	<i>papilio</i> Hull, <i>Baccha</i>	54
<i>nigrofasciata</i> Curran, <i>Cheilosia</i>	56	<i>parachilensis</i> Brown, <i>Gymnophora</i>	37
<i>nigropoda</i> Hull, <i>Volucella</i>	76	<i>parafloridae</i> DeMeyer, <i>Microcephalops</i>	40
<i>nigrostigma</i> Curran, <i>Euparyphus</i>	44	<i>paragoides</i> Thompson, <i>Paragodon</i>	66
<i>nigrotibiata</i> Curran, <i>Pipiza</i>	67	<i>parallela</i> Melander, <i>Thinodromia</i>	34
<i>nigroviridis</i> Hull, <i>Volucella</i>	76	<i>parana</i> Hull, <i>Volucella</i>	76
<i>nigrovittata</i> Hull, <i>Eristalis collaris</i>	59	<i>parfemoralis</i> Teskey, <i>Austrodromia</i>	26
<i>nipigonensis</i> Curran, <i>Temnostoma</i>	74	<i>pauciseta</i> Melander, <i>Stilpon</i>	33
<i>nitidigena</i> Teskey, <i>Micrempis</i>	29	<i>pauper</i> Hull, <i>Platycheirus</i>	68
<i>nitidiventris</i> Curran, <i>Melanostoma</i>	62	<i>pechumani</i> Teskey & Thomas, <i>Hybomitra</i>	79
<i>nitidus</i> Van Duzee, <i>Polymedon</i>	23	<i>pechumani</i> Wilkerson & Fairchild, <i>Esenbeckia</i>	78
<i>nodosus</i> Curran, <i>Platycheirus</i>	68	<i>pecki</i> Kelsey, <i>Scenopinus</i>	43
<i>nomomis</i> Hull & Fluke, <i>Cheilosia</i>	57	<i>peckorum</i> Disney & Peterson, <i>Alamira</i>	35
<i>nomadus</i> Harmston & Knowlton, <i>Dolichopus</i>	16	<i>pectinata</i> Melander, <i>Bicellaria</i>	27
<i>norrisi</i> Hull, <i>Comptosia</i>	10	<i>pectinatus</i> Brown, <i>Dacnophora</i>	36
<i>notata</i> Hull, <i>Sphegina</i>	71	<i>pediontis</i> McAlpine, <i>Tabanus</i>	80
<i>novacarolina</i> Beutenmüller, <i>Rhamphomyia</i>	32	<i>peltatoides</i> Curran, <i>Platycheirus</i>	68
<i>nubilum</i> Van Duzee, <i>Syntormon</i>	25	<i>penai</i> Brown, <i>Gymnophora</i>	37
<i>nuda</i> Hull, <i>Euprepina</i>	10	<i>penai</i> James, <i>Beridops</i>	43
<i>nudus</i> McDunnough, <i>Tabanus</i>	80	<i>penai</i> James, <i>Merosargus</i>	47
<i>nugator</i> Osten Sacken, <i>Cyrtopogon</i>	5	<i>penai</i> James, <i>Nemotelus</i>	49
<i>nuptus</i> Melander, <i>Anthepiscopus</i>	26	<i>penai</i> Wilcox & Papavero, <i>Messiasia</i>	35
<i>obesa</i> Hull & Fluke, <i>Cheilosia</i>	57	<i>peneporsus</i> Chillcott, <i>Platypalpus</i>	31
<i>obregoni</i> Kelsey, <i>Scenopinus</i>	43	<i>pennata</i> Hull, <i>Baccha</i>	54
<i>occidentale</i> Curran, <i>Chrysotoxum</i>	58	<i>perimerus</i> Melander, <i>Platypalpus vittatus</i>	31
<i>occidentalis</i> Curran, <i>Toxomerus</i>	74	<i>perplexa</i> Curran, <i>Brachyopa</i>	55
<i>octavus</i> Vockeroth, <i>Platycheirus</i>	68	<i>persimilis</i> McFadden, <i>Sargus</i>	51
<i>octomaculatus</i> Curran, <i>Euparyphus</i>	44	<i>pertinax</i> Hull, <i>Volucella</i>	76
<i>oculiseta</i> Teskey, <i>Micrempis</i>	29	<i>peruviana</i> Chillcott, <i>Austrodromia</i>	26
<i>ohioensis</i> Hine, <i>Tabanus</i>	80	<i>peruvianus</i> James, <i>Merosargus</i>	47
<i>ontario</i> Curran, <i>Cheilosia</i>	57	<i>pessulagyna</i> Hull, <i>Salpingogaster</i>	70
<i>ontario</i> Curran, <i>Chrysogaster</i>	57	<i>petchi</i> Curran, <i>Rhaphium</i>	24
<i>ontario</i> Curran, <i>Heliophilus</i>	60	<i>peterstoni</i> Chillcott, <i>Roederiodes</i>	33
<i>ontarioensis</i> Curran, <i>Ceria</i>	55	<i>peterstoni</i> McFadden, <i>Ptecticus</i>	51
<i>opeostoma</i> Hull, <i>Volucella</i>	76	<i>peterstoni</i> McFadden, <i>Sargus</i>	51
<i>ophiolinea</i> Hull, <i>Baccha</i>	53	<i>petila</i> Martin, <i>Polacantha</i>	8
<i>orarius</i> Vockeroth, <i>Platycheirus</i>	68	<i>phalarus</i> Hurley, <i>Hydrophorus</i>	20
<i>oreadis</i> Vockeroth, <i>Platycheirus</i>	68	<i>philerema</i> Hesse, <i>Plesiocera</i>	12
<i>oregona</i> Curran, <i>Xylota</i>	77	<i>philodice</i> Hull, <i>Baccha</i>	54
<i>orestes</i> Chillcott, <i>Rhagio</i>	41	<i>philtrum</i> Melander, <i>Chrysotus</i>	14
<i>orientale</i> Curran, <i>Rhaphium</i>	24	<i>phyllocerus</i> Vockeroth, <i>Dolichopus</i>	17
<i>oriens</i> Martin, <i>Holopogon</i>	7	<i>picea</i> Marston, <i>Anthrax albofasciatus</i>	9
<i>orientalis</i> Disney & Peterson, <i>Couturiera</i>	36	<i>pictipes</i> James, <i>Merosargus</i>	47
<i>orilliaensis</i> Curran, <i>Cheilosia</i>	57	<i>pictoides</i> Hull, <i>Volucella</i>	76
<i>orion</i> Hull, <i>Lejops</i>	60	<i>pilatus</i> Vockeroth, <i>Platycheirus</i>	68
<i>ornata</i> Hardy, <i>Dorylomorpha</i>	40	<i>pilitarsis</i> Malloch, <i>Hydrophorus</i>	20
<i>osburni</i> Curran, <i>Syrphus</i>	73	<i>pilumnus</i> Kröber, <i>Chrysops</i>	78
<i>osburni</i> Hine, <i>Tabanus</i>	80	<i>pitans</i> Webb, <i>Hilarimorpha</i>	35
<i>oviphora</i> Hull, <i>Baccha</i>	53	<i>pithecofascia</i> Hull, <i>Mixogaster</i>	65
<i>ovipositoria</i> Hull, <i>Baccha</i>	54	<i>planipes</i> Van Duzee, <i>Neurigona</i>	22
<i>pacifica</i> Curran, <i>Comantella</i>	4	<i>platycauda</i> Curran, <i>Cyrtopogon</i>	5
<i>pacifica</i> James, <i>Odontomyia</i>	50	<i>platychira</i> Malloch, <i>Aphiochaeta</i>	35
<i>pacificus</i> James, <i>Myxosargus</i>	48	<i>platytarsis</i> Chillcott, <i>Megagrapha</i>	28
<i>painteri</i> Hull, <i>Microdon</i>	65	<i>platythrix</i> Bickel, <i>Medetera</i>	21
<i>pallidivittipes</i> DeMeyer, <i>Cephalops</i>	39	<i>plaumanni</i> Chillcott, <i>Micrempis</i>	29
<i>pallidus</i> Wilder, <i>Syneches</i>	34	<i>plausor</i> Osten Sacken, <i>Cyrtopogon</i>	5
<i>pallifrons</i> Curran, <i>Syrphus</i>	74	<i>plautus</i> Hurley, <i>Hydrophorus</i>	20
<i>pallipennis</i> Curran, <i>Microdon</i>	65	<i>plesia</i> Curran, <i>Anthrax</i>	9

<i>plesia</i> Curran, <i>Xylota</i>	77	<i>robertsoni</i> Curran, <i>Dolichopus</i>	17
<i>plesius</i> Curran, <i>Nemotelus</i>	49	<i>roborovskii</i> Stackelberg, <i>Dolichopus</i>	17
<i>pleuripolita</i> Teskey & Chillcott, <i>Syndyas</i>	33	<i>robusta</i> Curran, <i>Cynorhina</i>	59
<i>pleuriticus</i> McFadden, <i>Sargus</i>	52	<i>robustus</i> Hull, <i>Bathypogon</i>	3
<i>pluto</i> Hull, <i>Sphegina</i>	71	<i>robustus</i> Hull, <i>Bromoglycis</i>	9
<i>poecilohimas</i> James, <i>Nemotelus</i>	49	<i>robustus</i> Stackelberg, <i>Dolichopus</i>	17
<i>pollinosa</i> Hull, <i>Rhysops</i>	70	<i>rostrata</i> Borgmeier, <i>Crinophleba</i>	36
<i>polygraphica</i> Hull, <i>Mesogramma</i>	64	<i>rotundicornis</i> Van Duzee, <i>Parasyntormon</i>	23
<i>pomus</i> Curran, <i>Syrphus americanus</i>	73	<i>rubellus</i> Hull, <i>Bathypogon</i>	4
<i>porphyra</i> Curran, <i>Baccha</i>	54	<i>rubidapex</i> Hull, <i>Bathypogon</i>	4
<i>prava</i> Chillcott, <i>Rhamphomyia</i>	32	<i>rufigaster</i> Vockeroth, <i>Platycheirus</i>	68
<i>predator</i> Curran, <i>Cyrtopogon</i>	5	<i>rufimaculatus</i> Vockeroth, <i>Platycheirus</i>	69
<i>pretiosa</i> Hull, <i>Myiolepta</i>	65	<i>rufiscuta</i> Teskey, <i>Austrodromia</i>	26
<i>prima</i> Adisoemarto, <i>Lasiopogon</i>	8	<i>rufitruncula</i> Kelsey, <i>Pseudotrichia</i>	42
<i>primavera</i> Hull, <i>Xylota</i>	77	<i>rufopuncta</i> Curran, <i>Hilara</i>	28
<i>pristina</i> McAlpine, <i>Cretonomyia</i>	36	<i>rugosifrons</i> James, <i>Myxosargus</i>	49
<i>procerus</i> Wheeler, <i>Hercostomus</i>	19	<i>rupestris</i> McDunnough, <i>Tabanus</i>	80
<i>prolixa</i> Hippa, <i>Milesia</i>	65	<i>russelli</i> Curran, <i>Thinophilus</i>	25
<i>propriofacies</i> Robinson, <i>Gymnopternus</i>	18	<i>rustica</i> Osten Sacken, <i>Clitellaria</i>	43
<i>protrusus</i> Vockeroth, <i>Platycheirus</i>	68	<i>sabulicola</i> Vockeroth, <i>Platycheirus</i>	69
<i>proxima</i> Curran, <i>Ceriodes</i>	55	<i>sackenii</i> Williston, <i>Ceria</i>	55
<i>proximus</i> Aldrich, <i>Pelastoneurus</i>	23	<i>sansoni</i> Curran, <i>Cyrtopogon</i>	6
<i>psammophila</i> Hesse, <i>Plesiocera</i>	12	<i>sapphirina</i> Hull, <i>Deusopora</i>	10
<i>pseudodebilis</i> Robinson, <i>Gymnopternus</i>	18	<i>sapphirina</i> Hull, <i>Neplas</i>	66
<i>pseudolyricus</i> James, <i>Merosargus</i>	47	<i>scapularis</i> Loew, <i>Hemerodromia</i>	28
<i>pseudosibirica</i> Bickel, <i>Medetera</i>	21	<i>scintillans</i> Hull, <i>Volucella</i>	77
<i>pterosticta</i> Hesse, <i>Adelidea</i>	8	<i>scobinator</i> Loew, <i>Psilopus</i>	23
<i>pulchellus</i> Loew, <i>Eumerus</i>	59	<i>scutellaris</i> Bromley, <i>Bombomina posticata</i>	4
<i>pulchrum</i> Hull, <i>Brychosoma</i>	9	<i>scutellaris</i> Melander, <i>Anthalia</i>	26
<i>pullatus</i> Vockeroth, <i>Alipumilio</i>	52	<i>scutellata</i> Hull, <i>Milesia</i>	65
<i>pullatus</i> Vockeroth, <i>Platycheirus</i>	68	<i>sedmani</i> Harbach, <i>Toxomerus</i>	74
<i>punctatus</i> McFadden, <i>Sargus</i>	52	<i>selva</i> Hull, <i>Mesogramma</i>	64
<i>punctipennis</i> Melander, <i>Cyrtopogon</i>	5	<i>sensua</i> Curran, <i>Cheilosia</i>	57
<i>punctitarsis</i> Curran, <i>Rhaphium</i>	24	<i>separata</i> Hull, <i>Mallota</i>	61
<i>purpuratus</i> Van Duzee, <i>Hercostomus</i>	19	<i>separatus</i> Fonseca, <i>Hercostomus</i>	19
<i>purpureus</i> Hull, <i>Stenomicrodon</i>	71	<i>sepia</i> Hull, <i>Baccha</i>	54
<i>purus</i> Curran, <i>Hydrophorus</i>	70	<i>sepia</i> Hull, <i>Neodiplocampta</i>	11
<i>pusilla</i> James, <i>Zabrachia</i>	52	<i>sepiapennis</i> Hull, <i>Quichuana</i>	70
<i>pygmaea</i> Hull, <i>Phloophila</i>	82	<i>septentrionale</i> Curran, <i>Rhaphium</i>	24
<i>quadrata</i> Brown, <i>Gymnophora</i>	37	<i>septentrionalis</i> McFadden, <i>Ptecticus</i>	51
<i>quadratus</i> James, <i>Merosargus</i>	48	<i>seripila</i> Hull & Fluke, <i>Cheilosia</i>	57
<i>quebecensis</i> Webb & Irwin, <i>Pallicephala</i>	81	<i>serpentina</i> Hull, <i>Calostigma</i>	55
<i>quixotea</i> Hull, <i>Quichuana</i>	70	<i>setaria</i> Hesse, <i>Pteraulax</i>	12
<i>ramulosus</i> Takagi, <i>Diostracus</i>	15	<i>setipes</i> Vockeroth, <i>Platycheirus</i>	69
<i>rattus</i> Osten Sacken, <i>Cyrtopogon</i>	5	<i>setitarsis</i> Vockeroth, <i>Platycheirus</i>	69
<i>recurvata</i> Chillcott, <i>Roederiodes</i>	33	<i>shewelli</i> Sabrosky, <i>Ogcodes</i>	3
<i>reductus</i> DeMeyer, <i>Cephalops</i>	39	<i>similata</i> Malloch, <i>Rhamphomyia</i>	32
<i>reflectipennis</i> Curran, <i>Syrphus</i>	74	<i>similis</i> Thompson, <i>Myolepta</i>	65
<i>refulgens</i> Harmston & Knowlton, <i>Dolichopus</i>	17	<i>simplex</i> Albrecht, <i>Dorylomorpha</i>	40
<i>reinhardi</i> Hull, <i>Polybiomyia</i>	69	<i>simplex</i> Loew, <i>Clinocera</i>	27
<i>relictus</i> Curran & Fluke, <i>Lajops</i>	60	<i>simulans</i> Van Duzee, <i>Dolichopus</i>	17
<i>remotus</i> Curran, <i>Stenosyrphus</i>	72	<i>smithi</i> Williston, <i>Mallota</i>	61
<i>rex</i> Curran & Fluke, <i>Parhelophilus</i>	66	<i>solvoides</i> James, <i>Neoexaireta</i>	50
<i>rezvorum</i> Stackelberg, <i>Dolichopus</i>	17	<i>sonorensis</i> Vockeroth, <i>Syrphus</i>	74
<i>rhea</i> Hull, <i>Mesogramma</i>	64	<i>sordipes</i> Melander, <i>Euhybos</i>	27
<i>rhea</i> Hull, <i>Volucella</i>	76	<i>spatulatus</i> McFadden, <i>Ptecticus</i>	51
<i>richardsi</i> Chillcott, <i>Micrempis</i>	30	<i>spectralis</i> Hull, <i>Volucella</i>	77
<i>richardsi</i> Chillcott, <i>Platypalpus</i>	31	<i>sphaerophoria</i> Curran, <i>Neoscia</i>	65
<i>ripcicola</i> Melander, <i>Lasiopogon</i>	8	<i>spinigera</i> Curran, <i>Eucyrtopogon</i>	6
<i>rita</i> Curran, <i>Cheilosia</i>	57	<i>spinipes</i> Melander, <i>Euthyneura</i>	27
<i>rivara</i> Webb, <i>Hilarimorpha</i>	35	<i>spinipes</i> Van Duzee, <i>Thinophilus</i>	25

<i>spinitarsis</i> Curran, <i>Rhaphium</i>	25	<i>trispina</i> Brown, <i>Gymnophora</i>	37
<i>splendens</i> Hull, <i>Volucella</i>	77	<i>truncatus</i> Chillcott, <i>Platypalpus</i>	31
<i>squamulae</i> Curran, <i>Melanostoma</i>	62	<i>tuktoyaktuk</i> Bickel, <i>Medetera</i>	22
<i>steatogaster</i> Hull, <i>Mesogramma</i>	64	<i>ulrica</i> Hull, <i>Baccha</i>	54
<i>stegnoides</i> Vockeroth, <i>Platycheirus</i>	69	<i>ulrica</i> Hull, <i>Volucella</i>	77
<i>stephensi</i> Peterson, <i>Coniceromyia</i>	35	<i>uluguruensis</i> Hippha, <i>Hovaxygota</i>	60
<i>stictica</i> Wilkerson & Coscaron, <i>Scaptia</i>	79	<i>umbonata</i> Chillcott, <i>Austrodromia</i>	26
<i>stigmata</i> Hull, <i>Volucella</i>	77	<i>unifasciata</i> Curran, <i>Neoascia</i>	66
<i>stigmatipennis</i> Hull, <i>Salpingogaster</i>	70	<i>u-nigrum</i> Philip, <i>Stypommisa</i>	79
<i>stimulans</i> Thompson, <i>Sterphus</i>	72	<i>unistylatum</i> Vockeroth, <i>Rhaphium</i>	25
<i>stipator</i> Osten Sacken, <i>Eristalis</i>	59	<i>urania</i> Hull, <i>Baccha</i>	54
<i>stomias</i> Bickel, <i>Medetera</i>	21	<i>urania</i> Hull, <i>Salpingogaster</i>	70
<i>striatus</i> Vockeroth, <i>Platycheirus</i>	69	<i>ursina</i> Malloch, <i>Rhamphomyia</i>	33
<i>stricklandi</i> Adisoemarto, <i>Pogonosoma</i>	8	<i>ursinella</i> Melander, <i>Rhamphomyia</i>	33
<i>stricklandi</i> Curran, <i>Helophilus</i>	60	<i>ussuriensis</i> Stackelberg, <i>Dolichopus</i>	17
<i>stricklandi</i> Curran, <i>Pipunculus</i>	40	<i>vagens</i> Loew, <i>Pelastoneurus</i>	23
<i>stricklandi</i> Harmston & Knowlton, <i>Dolichopus</i>	17	<i>valeria</i> Hull, <i>Planes</i>	67
<i>strigula</i> Brown, <i>Gymnophora</i>	37	<i>vampyra</i> Hull, <i>Baccha</i>	54
<i>subarmatum</i> Curran, <i>Rhaphium</i>	25	<i>vanduzeei</i> Curran, <i>Dolichopus</i>	17
<i>subauratus</i> Loew, <i>Geron</i>	10	<i>vanduzeei</i> Curran, <i>Medetera</i>	22
<i>subchalybea</i> Curran, <i>Cheilosia</i>	57	<i>vanessa</i> Hull, <i>Baccha</i>	54
<i>subchalybea</i> Curran, <i>Neoascia</i>	66	<i>varans</i> Curran, <i>Cyrtopogon</i>	6
<i>subspina</i> Van Duzee, <i>Dolichopus</i>	17	<i>varda</i> Webb, <i>Hilarimorpha</i>	35
<i>subtropicus</i> Curran, <i>Xylota</i>	78	<i>variabilis</i> Van Duzee, <i>Thinophilus</i>	25
<i>sudator</i> Osten Sacken, <i>Cyrtopogon</i>	6	<i>variabilis</i> Vockeroth, <i>Paragus</i>	66
<i>sufflava</i> François, <i>Glabellula</i>	11	<i>varicrus</i> James, <i>Merosargus</i>	48
<i>susio</i> Hull, <i>Baccha</i>	54	<i>varipila</i> Fluke & Hull, <i>Cheilosia</i>	57
<i>tacoma</i> Melander, <i>Tachydromia</i>	34	<i>vegetus</i> Wheeler, <i>Nothosympycnus</i>	22
<i>tacomae</i> Melander, <i>Cyrtopogon</i>	6	<i>veletica</i> Chvála, <i>Hilara</i>	28
<i>tangens</i> James, <i>Merosargus</i>	48	<i>veletica</i> Vaillant & Chvála, <i>Wiedemannia</i>	34
<i>tarsalis</i> Curran, <i>Nothosympycnus</i>	22	<i>velutina</i> Curran, <i>Stratiomys</i>	52
<i>telus</i> Thompson, <i>Sterphus</i>	72	<i>velutina</i> Loew, <i>Hilara</i>	28
<i>tempa</i> Webb, <i>Hilarimorpha</i>	35	<i>velutina</i> Van Duzee, <i>Argyra</i>	13
<i>terataspis</i> James, <i>Chalcidomorphina</i>	43	<i>venablesi</i> Curran, <i>Syrphus</i>	74
<i>terminalis</i> Curran, <i>Stenosyrphus</i>	72	<i>ventralis</i> McFadden, <i>Merosargus</i>	48
<i>terminalis</i> Van Duzee, <i>Neurigona</i>	22	<i>versicolor</i> Chillcott, <i>Rhamphomyia</i>	33
<i>testacea</i> Melander, <i>Oedalea lanceolata</i>	30	<i>vertebratus</i> James, <i>Merosargus</i>	48
<i>therevoides</i> James, <i>Neoxaireta</i>	50	<i>vespertina</i> Vockeroth, <i>Melangyna</i>	61
<i>thompsoni</i> Vockeroth, <i>Platycheirus</i>	69	<i>vialis</i> Osten Sacken, <i>Thereva</i>	81
<i>thylax</i> Hull, <i>Platycheirus</i>	69	<i>victoria</i> Hull, <i>Baccha</i>	54
<i>tibialis</i> Curran, <i>Holopogon</i>	7	<i>villosa</i> Chillcott, <i>Allodromia</i>	26
<i>tibialis</i> Van Duzee, <i>Chrysotus</i>	14	<i>villosa</i> Hull, <i>Meromacrus</i>	62
<i>timberlakei</i> Curran, <i>Volucella</i>	77	<i>viola</i> Hull, <i>Volucella</i>	77
<i>tolifasciata</i> Chillcott, <i>Rhamphomyia</i>	32	<i>violovitshi</i> Stackelberg, <i>Sphegina</i>	71
<i>tomentosus</i> James, <i>Dactylodeictes</i>	44	<i>virgilio</i> Hull, <i>Baccha</i>	54
<i>tortuosua</i> Hippha, <i>Vadonimyia</i>	75	<i>virginio</i> Hull, <i>Baccha</i>	54
<i>torvus</i> Osten Sacken, <i>Syrphus</i>	74	<i>viridicoxa</i> Aldrich, <i>Psilopodinus</i>	23
<i>transversa</i> Hull, <i>Sphaerophoria</i>	71	<i>viridinota</i> Brues, <i>Phora</i>	38
<i>transversalis</i> Curran, <i>Syrphus</i>	74	<i>viridis</i> McFadden, <i>Merosargus</i>	48
<i>transversus</i> McFadden, <i>Merosargus</i>	48	<i>vitrea</i> Hull, <i>Mesogramma</i>	64
<i>trepidus</i> McDunnough, <i>Tabanus</i>	80	<i>vitrea</i> Hull, <i>Volucella</i>	77
<i>triangulatus</i> McFadden, <i>Merosargus</i>	48	<i>vitripennis</i> Curran, <i>Buckellia</i>	4
<i>trichaspis</i> Hurley, <i>Hydrophorus</i>	20	<i>vittata</i> Hull, <i>Phthiria</i>	12
<i>tricoloripes</i> Curran, <i>Syntormon</i>	25	<i>vockerothi</i> Bickel, <i>Medetera</i>	22
<i>trifasciata</i> Hull, <i>Brachypalpus</i>	55	<i>vockerothi</i> Chillcott, <i>Roederiodes</i>	33
<i>trigonifera</i> James, <i>Macromeracis</i>	45	<i>vockerothi</i> Chvála, <i>Platypalpus</i>	31
<i>trinotatus</i> Melander, <i>Nemotelus</i>	50	<i>vockerothi</i> Fluke, <i>Metasyrphus luniger</i>	64
<i>tripartitus</i> James, <i>Merosargus</i>	48	<i>vockerothi</i> Fonseca, <i>Hercostomus</i>	19
<i>tripunctata</i> Hull, <i>Volucella</i>	77	<i>vockerothi</i> François, <i>Hemipenthes</i>	11
<i>triradiata</i> Hull, <i>Mesogramma</i>	64	<i>vockerothi</i> Kelsey, <i>Scenopinus</i>	43
<i>trisetosus</i> Van Duzee, <i>Medetera</i>	22	<i>vockerothi</i> Martin, <i>Holopogon</i>	7

<i>vockerothi</i> Robinson, <i>Gymnopternus</i>	18
<i>vockerothi</i> Vaillant & Chvála, <i>Chelifera</i>	27
<i>volucris</i> Osten Sacken, <i>Eupeodes</i>	60
<i>vorax</i> Bromley, <i>Bombomima</i>	4
<i>vorax</i> Loew, <i>Tachytrechus</i>	25
<i>vulcana</i> Hippa, <i>Hovaxylota</i>	60
<i>vulgaris</i> Van Duzee, <i>Chrysotus</i>	15
<i>wiedemanni</i> Kröber, <i>Chrysops</i>	78
<i>willistoni</i> Curran, <i>Chrysotoxum integre</i>	58
<i>willistoni</i> Curran, <i>Cyrtopogon</i>	6
<i>willistoni</i> Hull, <i>Cacoceria</i>	55
<i>woodi</i> Pechuman, <i>Atylotus</i>	78
<i>woodi</i> Vockeroth, <i>Platycheirus</i>	69
<i>woodorum</i> Thompson, <i>Sierphus</i>	72
<i>xanthopyga</i> Stackelberg, <i>Dolichopus</i>	17
<i>yukonensis</i> Vockeroth, <i>Platycheirus</i>	69
<i>zabulon</i> Hull, <i>Baccha</i>	54
<i>zerene</i> Hull, <i>Baccha</i>	55